
 Eni S.p.A. Divisione Refining & Marketing	CLIENTE Eni S.p.A Divisione Refining & Marketing Raffineria di Sannazzaro			
	LOCALITA' Ferrera Erbognone (PV)	Commessa P31770	UNITA' 00	
	PROGETTO IMPIANTO EST ED UNITA' ASSOCIATE	SPC. No.	00-ZA-E-85502	
		INTEGRAZIONI S.I.A. E A.I.A. ALLEGATO J – Fg. 1 di 16	Rev. 00	

ALLEGATO J

**Caratteristiche emissive delle sorgenti di
emissione di rumore del nuovo progetto**

VALUTAZIONE PREVISIONALE IMPIANTO EST - SANNAZZARO DE BURGONDI

DATI ACUSTICI SORGENTI SONORE CONSIDERATE - SITUAZIONE FUTURA

Source	I or S	Li	R'w	Lw	Kl	K	Ko	50 Hz	63 Hz	80 Hz	100 Hz	125 Hz	160 Hz	200 Hz	250 Hz	315 Hz	400 Hz	500 Hz	630 Hz	800 Hz	1 kHz	1,25 kHz	1,6 kHz	2 kHz	2,5 kHz	3,15 kHz	4 kHz	5 kHz	6,3 kHz	8 kHz
Piping	4847.43	0.0	0.0	96.8	0	0	0.0	64.7	70.1	73.6	75.8	73.4	68.2	76.9	71.3	88.2	82.2	81.2	87.5	88.8	86.2	87.0	87.4	85.8	85.5	82.0	37.9	72.3	73.7	68.0
Piping 2	860.35	0.0	0.0	89.3	0	0	0.0	57.2	62.6	66.1	68.3	65.9	60.7	69.4	63.8	80.7	74.7	73.7	80.0	81.3	78.7	79.5	79.9	78.3	78.0	74.5	30.4	64.8	66.2	60.5
Piping 3	267.48	0.0	0.0	84.3	0	0	0.0	52.1	57.5	61.0	63.2	60.8	55.6	64.3	58.7	75.6	69.6	68.6	74.9	76.2	73.6	74.4	74.8	73.2	72.9	69.4	25.3	59.7	61.1	55.4
Piping 4	409.67	0.0	0.0	86.1	0	0	0.0	54.0	59.4	62.9	65.1	62.7	57.5	66.2	60.6	77.5	71.5	70.5	76.8	78.1	75.5	76.3	76.7	75.1	74.8	71.3	27.2	61.6	63.0	57.3
Piping 5	1636.80	0.0	0.0	92.1	0	0	0.0	60.0	65.4	68.9	71.1	68.7	63.5	72.2	66.6	83.5	77.5	76.5	82.8	84.1	81.5	82.3	82.7	81.1	80.8	77.3	33.2	67.6	69.0	63.3
Piping 6	444.43	0.0	0.0	86.5	0	0	0.0	54.3	59.7	63.2	65.4	63.0	57.8	66.5	60.9	77.8	71.8	70.8	77.1	78.4	75.8	76.6	77.0	75.4	75.1	71.6	27.5	61.9	63.3	57.6
Piping 7	1318.07	0.0	0.0	91.2	0	0	0.0	59.0	64.4	67.9	70.1	67.7	62.5	71.2	65.6	82.5	76.5	75.5	81.8	83.1	80.5	81.3	81.7	80.1	79.8	76.3	32.2	66.6	68.0	62.3
Piping 8	1630.12	0.0	0.0	92.1	0	0	0.0	59.9	65.3	68.8	71.0	68.6	63.4	72.1	66.5	83.4	77.4	76.4	82.7	84.0	81.4	82.2	82.6	81.0	80.7	77.2	33.1	67.5	68.9	63.2
Piping 9	2114.82	0.0	0.0	93.2	0	0	0.0	61.1	66.5	70.0	72.2	69.8	64.6	73.3	67.7	84.6	78.6	77.6	83.9	85.2	82.6	83.4	83.8	82.2	81.9	78.4	34.3	68.7	70.1	64.4
Piping 10	944.65	0.0	0.0	89.7	0	0	0.0	57.6	63.0	66.5	68.7	66.3	61.1	69.8	64.2	81.1	75.1	74.1	80.4	81.7	79.1	79.9	80.3	78.7	78.4	74.9	30.8	65.2	66.6	60.9
Piping 11	944.65	0.0	0.0	89.7	0	0	0.0	57.6	63.0	66.5	68.7	66.3	61.1	69.8	64.2	81.1	75.1	74.1	80.4	81.7	79.1	79.9	80.3	78.7	78.4	74.9	30.8	65.2	66.6	60.9
Piping 12	1234.77	0.0	0.0	90.9	0	0	0.0	58.7	64.1	67.6	69.8	67.4	62.2	70.9	65.3	82.2	76.2	75.2	81.5	82.8	80.2	81.0	81.4	79.8	79.5	76.0	31.9	66.3	67.7	62.0
Piping 13	802.22	0.0	0.0	89.0	0	0	0.0	56.9	62.3	65.8	68.0	65.6	60.4	69.1	63.5	80.4	74.4	73.4	79.7	81.0	78.4	79.2	79.6	78.0	77.7	74.2	30.1	64.5	65.9	60.2
Piping 14	826.77	0.0	0.0	89.2	0	0	0.0	57.0	62.4	65.9	68.1	65.7	60.5	69.2	63.6	80.5	74.5	73.5	79.8	81.1	78.5	79.3	79.7	78.1	77.8	74.3	30.2	64.6	66.0	60.3
Piping 14	148.25	0.0	0.0	81.7	0	0	0.0	49.5	54.9	58.4	60.6	58.2	53.0	61.7	56.1	73.0	67.0	66.0	72.3	73.6	71.0	71.8	72.2	70.6	70.3	66.8	22.7	57.1	58.5	52.8
Piping 2	713.36	0.0	0.0	88.5	0	0	0.0	56.4	61.8	65.3	67.5	65.1	59.9	68.6	63.0	79.9	73.9	72.9	79.2	80.5	77.9	78.7	79.1	77.5	77.2	73.7	29.6	64.0	65.4	59.7
B9501 - Bruciatore		0.0	0.0	97.5	0	0	3.0	67.5	69.5	71.2	73.6	73.5	75.4	78.8	80.1	81.1	82.1	85.2	82.9	81.9	80.7	82.9	84.3	85.1	88.1	91.9	89.5	85.6	76.4	73.6
B9501 - Bruciatore		0.0	0.0	97.5	0	0	3.0	67.5	69.5	71.2	73.6	73.5	75.4	78.8	80.1	81.1	82.1	85.2	82.9	81.9	80.7	82.9	84.3	85.1	88.1	91.9	89.5	85.6	76.4	73.6
B9501 - Bruciatore		0.0	0.0	97.5	0	0	3.0	67.5	69.5	71.2	73.6	73.5	75.4	78.8	80.1	81.1	82.1	85.2	82.9	81.9	80.7	82.9	84.3	85.1	88.1	91.9	89.5	85.6	76.4	73.6
B9501 - Bruciatore		0.0	0.0	97.5	0	0	3.0	67.5	69.5	71.2	73.6	73.5	75.4	78.8	80.1	81.1	82.1	85.2	82.9	81.9	80.7	82.9	84.3	85.1	88.1	91.9	89.5	85.6	76.4	73.6
B9501 - Bruciatore		0.0	0.0	97.5	0	0	3.0	67.5	69.5	71.2	73.6	73.5	75.4	78.8	80.1	81.1	82.1	85.2	82.9	81.9	80.7	82.9	84.3	85.1	88.1	91.9	89.5	85.6	76.4	73.6
B9501 - Bruciatore		0.0	0.0	97.5	0	0	3.0	67.5	69.5	71.2	73.6	73.5	75.4	78.8	80.1	81.1	82.1	85.2	82.9	81.9	80.7	82.9	84.3	85.1	88.1	91.9	89.5	85.6	76.4	73.6
B9501 - Bruciatore		0.0	0.0	97.5	0	0	3.0	67.5	69.5	71.2	73.6	73.5	75.4	78.8	80.1	81.1	82.1	85.2	82.9	81.9	80.7	82.9	84.3	85.1	88.1	91.9	89.5	85.6	76.4	73.6
B9501 - Bruciatore		0.0	0.0	97.5	0	0	3.0	67.5	69.5	71.2	73.6	73.5	75.4	78.8	80.1	81.1	82.1	85.2	82.9	81.9	80.7	82.9	84.3	85.1	88.1	91.9	89.5	85.6	76.4	73.6
B9501 - Bruciatore		0.0	0.0	97.5	0	0	3.0	67.5	69.5	71.2	73.6	73.5	75.4	78.8	80.1	81.1	82.1	85.2	82.9	81.9	80.7	82.9	84.3	85.1	88.1	91.9	89.5	85.6	76.4	73.6
B9501 - Bruciatore		0.0	0.0	97.5	0	0	3.0	67.5	69.5	71.2	73.6	73.5	75.4	78.8	80.1	81.1	82.1	85.2	82.9	81.9	80.7	82.9	84.3	85.1	88.1	91.9	89.5	85.6	76.4	73.6
B9501 - Bruciatore		0.0	0.0	97.5	0	0	3.0	67.5	69.5	71.2	73.6	73.5	75.4	78.8	80.1	81.1	82.1	85.2	82.9	81.9	80.7	82.9	84.3	85.1	88.1	91.9	89.5	85.6	76.4	73.6
B9501 - Bruciatore		0.0	0.0	97.5	0	0	3.0	67.5	69.5	71.2	73.6	73.5	75.4	78.8	80.1	81.1	82.1	85.2	82.9	81.9	80.7	82.9	84.3	85.1	88.1	91.9	89.5	85.6	76.4	73.6
B9501 - Bruciatore		0.0	0.0	97.5	0	0	3.0	67.5	69.5	71.2	73.6	73.5	75.4	78.8	80.1	81.1	82.1	85.2	82.9	81.9	80.7	82.9	84.3	85.1	88.1	91.9	89.5	85.6	76.4	73.6
B9501 - Bruciatore		0.0	0.0	97.5	0	0	3.0	67.5	69.5	71.2	73.6	73.5	75.4	78.8	80.1	81.1	82.1	85.2	82.9	81.9	80.7	82.9	84.3	85.1	88.1	91.9	89.5	85.6	76.4	73.6
B9501 - Bruciatore		0.0	0.0	97.5	0	0	3.0	67.5	69.5	71.2	73.6	73.5	75.4	78.8	80.1	81.1	82.1	85.2	82.9	81.9	80.7	82.9	84.3	85.1	88.1	91.9	89.5	85.6	76.4	73.6
B9501 - Bruciatore		0.0	0.0	97.5	0	0	3.0	67.5	69.5	71.2	73.6	73.5	75.4	78.8	80.1	81.1	82.1	85.2	82.9	81.9	80.7	82.9	84.3	85.1	88.1	91.9	89.5	85.6	76.4	73.6
B9501 - Bruciatore		0.0	0.0	97.5	0	0	3.0	67.5	69.5	71.2	73.6	73.5	75.4	78.8	80.1	81.1	82.1	85.2	82.9	81.9	80.7	82.9	84.3	85.1	88.1	91.9	89.5	85.6	76.4	73.6
B9501 - Bruciatore		0.0	0.0	97.5	0	0	3.0	67.5	69.5	71.2	73.6	73.5	75.4	78.8	80.1	81.1	82.1	85.2	82.9	81.9	80.7	82.9	84.3	85.1	88.1	91.9	89.5	85.6	76.4	73.6
B9501 - Bruciatore		0.0	0.0	97.5	0	0	3.0	67.5	69.5	71.2	73.6	73.5	75.4	78.8	80.1	81.1	82.1	85.2	82.9	81.9	80.7	82.9	84.3	85.1	88.1	91.9	89.5	85.6	76.4	73.6
B9501 - Bruciatore		0.0	0.0	97.5	0	0	3.0	67.5	69.5	71.2	73.6	73.5	75.4	78.8	80.1	81.1	82.1	85.2	82.9	81.9	80.7	82.9	84.3	85.1	88.1	91.9	89.5	85.6	76.4	73.6
B9501 - Bruciatore		0.0	0.0	97.5	0	0	3.0	67.5	69.5	71.2	73.6	73.5	75.4	78.8	80.1	81.1	82.1	85.2	82.9	81.9	80.7	82.9	84.3	85.1	88.1	91.9	89.5	85.6	76.4	73.6
B9501 - Bruciatore		0.0	0.0	97.5	0	0	3.0	67.5	69.5	71.2	73.6	73.5	75.4	78.8	80.1	81.1	82.1	85.2	82.9	81.9	80.7	82.9	84.3	85.1	88.1	91.9	89.5	85.6	76.4	73.6
B9501 - Bruciatore		0.0	0.0	97.5	0	0	3.0	67.5	69.5	71.2	73.6	73.5	75.4	78.8	80.1	81.1	82.1	85.2	82.9	81.9	80.7	82.9	84.3	85.1	88.1	91.9	89.5	85.6	76.4	73.6
B9501 - Bruciatore		0.0	0.0	97.5	0	0	3.0	67.5	69.5	71.2	73.6	73.5	75.4	78.8	80.1	81.1	82.1	85.2	82.9	81.9	80.7	82.9	84.3	85.1	88.1	91.9	89.5	85.6	76.4	73.6
B9501 - Bruciatore		0.0	0.0	97.5	0	0	3.0	67.5	69.5	71.2	73.6	73.5	75.4	78.8	80.1	81.1	82.1	85.2	82.9	81.9	80.7	82.9	84.3	85.1	88.1	91.9	89.5	85.6	76.4	73.6
B9501 - Bruciatore		0.0	0.0	97.5	0	0	3.0	67.5	69.5	71.2	73.6	73.5	75.4	78.8	80.1	81.1	82.1	85.2	82.9	81.9	80.7	82.9	84.3	85.1	88.1	91.9	89.5	85.6	76.4	73.6
B9501 - Bruciatore		0.0	0.0	97.5	0	0	3.0	67.5	69.5	71.2	73.6	73.5	75.4	78.8	80.1	81.1	82.1	85.2	82.9	81.9	80.7	82.9	84.3	85.1	88.1	91.9	89.5	85.6	76.4	73.6

VALUTAZIONE PREVISIONALE IMPIANTO EST - SANNAZZARO DE BURGONDI

DATI ACUSTICI SORGENTI SONORE CONSIDERATE - SITUAZIONE FUTURA

Source	I or S	Li	R'w	Lw	Kl	K	Ko	50 Hz	63 Hz	80 Hz	100 Hz	125 Hz	160 Hz	200 Hz	250 Hz	315 Hz	400 Hz	500 Hz	630 Hz	800 Hz	1 kHz	1,25 kHz	1,6 kHz	2 kHz	2,5 kHz	3,15 kHz	4 kHz	5 kHz	6,3 kHz	8 kHz
	28.06	0.0	0.0	80.5	0	0	3.0	49.3	50.4	53.0	56.3	58.4	62.4	65.1	67.1	67.3	69.7	70.0	69.7	70.4	69.9	69.7	68.9	68.6	68.5	67.4	66.1	64.9	61.4	59.2
	16.25	0.0	0.0	78.1	0	0	3.0	46.9	48.0	50.6	53.9	56.0	60.0	62.7	64.7	64.9	67.3	67.6	67.3	68.0	67.5	67.3	66.5	66.2	66.1	65.0	63.7	62.5	59.0	56.8
	34.26	0.0	0.0	81.3	0	0	3.0	50.1	51.2	53.8	57.1	59.2	63.2	65.9	67.9	68.1	70.5	70.8	70.5	71.2	70.7	70.5	69.7	69.4	69.3	68.2	66.9	65.7	62.2	60.0
	3.21	0.0	0.0	71.1	0	0	3.0	39.8	40.9	43.5	46.8	48.9	52.9	55.6	57.6	57.8	60.2	60.5	60.2	60.9	60.4	60.2	59.4	59.1	59.0	57.9	56.6	55.4	51.9	49.7
	8.57	0.0	0.0	75.3	0	0	3.0	44.1	45.2	47.8	51.1	53.2	57.2	59.9	61.9	62.1	64.5	64.8	64.5	65.2	64.7	64.5	63.7	63.4	63.3	62.2	60.9	59.7	56.2	54.0
	6.40	0.0	0.0	74.1	0	0	3.0	42.8	43.9	46.5	49.8	51.9	55.9	58.6	60.6	60.8	63.2	63.5	63.2	63.9	63.4	63.2	62.4	62.0	62.0	60.9	59.6	58.4	54.9	52.7
	12.19	0.0	0.0	76.9	0	0	3.0	45.6	46.7	49.3	52.6	54.7	58.7	61.4	63.4	63.6	66.0	66.3	66.0	66.7	66.2	66.0	65.2	64.9	64.8	63.7	62.4	61.2	57.7	55.5
	59.21	0.0	0.0	83.7	0	0	3.0	52.5	53.6	56.2	59.5	61.6	65.6	68.3	70.3	70.5	72.9	73.2	72.9	73.6	73.1	72.9	72.1	71.8	71.7	70.6	69.3	68.1	64.6	62.4
	3.51	0.0	0.0	71.5	0	0	3.0	40.2	41.3	43.9	47.2	49.3	53.3	56.0	58.0	58.2	60.6	60.9	60.6	61.3	60.8	60.6	59.8	59.5	59.4	58.3	57.0	55.8	52.3	50.1
	29.44	0.0	0.0	80.7	0	0	3.0	49.5	50.6	53.2	56.5	58.6	62.6	65.3	67.3	67.5	69.9	70.2	69.9	70.6	70.1	69.9	69.1	68.8	68.7	67.6	66.3	65.1	61.6	59.4
	26.89	0.0	0.0	80.3	0	0	3.0	49.1	50.2	52.8	56.1	58.2	62.2	64.9	66.9	67.1	69.5	69.8	69.5	70.2	69.7	69.5	68.7	68.4	68.3	67.2	65.9	64.7	61.2	59.0
	28.38	0.0	0.0	80.5	0	0	3.0	49.3	50.4	53.0	56.3	58.4	62.4	65.1	67.1	67.3	69.7	70.0	69.7	70.4	69.9	69.7	68.9	68.6	68.5	67.4	66.1	64.9	61.4	59.2
	4.20	0.0	0.0	72.2	0	0	3.0	41.0	42.1	44.7	48.0	50.1	54.1	56.8	58.8	59.0	61.4	61.7	61.4	62.1	61.6	61.4	60.6	60.3	60.2	59.1	57.8	56.6	53.1	50.9
	58.84	0.0	0.0	83.7	0	0	3.0	52.5	53.6	56.2	59.5	61.6	65.6	68.3	70.3	70.5	72.9	73.2	72.9	73.6	73.1	72.9	72.1	71.8	71.7	70.6	69.3	68.1	64.6	62.4
	12.75	0.0	0.0	77.1	0	0	3.0	45.8	46.9	49.5	52.8	54.9	58.9	61.6	63.6	63.8	66.2	66.5	66.2	66.9	66.4	66.2	65.4	65.1	65.0	63.9	62.6	61.4	57.9	55.7
	46.11	0.0	0.0	82.6	0	0	3.0	51.4	52.5	55.1	58.4	60.5	64.5	67.2	69.2	69.4	71.8	72.1	71.8	72.5	72.0	71.8	71.0	70.7	70.6	69.5	68.2	67.0	63.5	61.3
	14.83	0.0	0.0	77.7	0	0	3.0	46.5	47.6	50.2	53.5	55.6	59.6	62.3	64.3	64.5	66.9	67.2	66.9	67.6	67.1	66.9	66.1	65.8	65.7	64.6	63.3	62.1	58.6	56.4
C9412 -	9.64	0.0	0.0	78.6	0	0	0.0	14.9	22.9	32.6	41.4	61.6	58.0	56.0	60.6	51.3	59.6	68.0	76.9	66.0	65.1	63.9	60.8	59.2	57.4	53.5	50.6	46.6	44.4	36.8
C9411 -	17.09	0.0	0.0	81.1	0	0	0.0	17.4	25.4	35.1	43.9	64.1	60.5	58.5	63.1	53.8	62.1	70.5	79.4	68.5	67.6	66.4	63.3	61.7	59.9	56.0	53.1	49.1	46.9	39.3
L9421 -	16.96	0.0	0.0	81.1	0	0	0.0	17.4	25.4	35.1	43.9	64.1	60.5	58.5	63.1	53.8	62.1	70.5	79.4	68.5	67.6	66.4	63.3	61.7	59.9	56.0	53.1	49.1	46.9	39.3
C9201 - Sour Water/Stripper	14.91	0.0	0.0	80.5	0	0	0.0	16.8	24.8	34.5	43.3	63.5	59.9	57.9	62.5	53.2	61.5	69.9	78.8	67.9	67.0	65.8	62.7	61.1	59.3	55.4	52.5	48.5	46.3	38.7
C90102 - HHPS Vapor / Condotto principale	6.66 215.59	0.0 0.0	0.0 0.0	77.0 103.0	0 0	0 0	0.0 0.0	13.3 76.6	21.3 76.6	31.0 76.6	39.8 86.9	60.0 86.9	56.4 86.9	54.4 91.6	59.0 91.6	49.7 91.6	58.0 95.1	66.4 95.1	66.4 95.1	64.4 96.7	63.5 96.7	62.3 96.7	59.2 97.9	57.6 97.9	55.8 97.9	51.9 95.6	45.0 95.6	42.8 84.7	35.2 84.7	
C90114 - Atmospheric		0.0	0.0	92.6	0	0	0.0		58.3			73.4			83.9			87.8			85.5			86.2			81.5		75.4	
C90111 - UHHPS Vapor /		0.0	0.0	92.6	0	0	0.0		58.3			73.4			83.9			87.8			85.5			86.2			81.5		75.4	
C90118 - AGO Product /		0.0	0.0	92.6	0	0	0.0		58.3			73.4			83.9			87.8			85.5			86.2			81.5		75.4	
C90112 - UHHPS Vapor /		0.0	0.0	92.6	0	0	0.0		58.3			73.4			83.9			87.8			85.5			86.2			81.5		75.4	
C90145 A - VGO Stripper		0.0	0.0	92.6	0	0	0.0		58.3			73.4			83.9			87.8			85.5			86.2			81.5		75.4	
C90123 B - HP Steam		0.0	0.0	92.6	0	0	0.0		58.3			73.4			83.9			87.8			85.5			86.2			81.5		75.4	
C90144 - VGO Stripper feed		0.0	0.0	92.6	0	0	0.0		58.3			73.4			83.9			87.8			85.5			86.2			81.5		75.4	
C90142 A - VGO Stripper		0.0	0.0	92.6	0	0	0.0		58.3			73.4			83.9			87.8			85.5			86.2			81.5		75.4	
C90142 B - VGO Stripper		0.0	0.0	92.6	0	0	0.0		58.3			73.4			83.9			87.8			85.5			86.2			81.5		75.4	
C90141 - VGO Upgrader		0.0	0.0	92.6	0	0	0.0		58.3			73.4			83.9			87.8			85.5			86.2			81.5		75.4	
C90140 A - VGO Upgrader		0.0	0.0	92.6	0	0	0.0		58.3			73.4			83.9			87.8			85.5			86.2			81.5		75.4	
C90140 B - VGO Upgrader		0.0	0.0	92.6	0	0	0.0		58.3			73.4			83.9			87.8			85.5			86.2			81.5		75.4	
C90121 - VGO Product /		0.0	0.0	92.6	0	0	0.0		58.3			73.4			83.9			87.8			85.5			86.2			81.5		75.4	
C90110 - Upgrader Feed /		0.0	0.0	92.6	0	0	0.0		58.3			73.4			83.9			87.8			85.5			86.2			81.5		75.4	
C90120 - Sweet VGO /		0.0	0.0	92.6	0	0	0.0		58.3			73.4			83.9			87.8			85.5			86.2			81.5		75.4	
C90130 - LPG Product		0.0	0.0	92.6	0	0	0.0		58.3			73.4			83.9			87.8			85.5			86.2			81.5		75.4	

VALUTAZIONE PREVISIONALE IMPIANTO EST - SANNAZZARO DE BURGONDI
DATI ACUSTICI SORGENTI SONORE CONSIDERATE - SITUAZIONE FUTURA

Source	I or S	Li	R'w	Lw	Kl	K	Ko	50 Hz	63 Hz	80 Hz	100 Hz	125 Hz	160 Hz	200 Hz	250 Hz	315 Hz	400 Hz	500 Hz	630 Hz	800 Hz	1 kHz	1,25 kHz	1,6 kHz	2 kHz	2,5 kHz	3,15 kHz	4 kHz	5 kHz	6,3 kHz	8 kHz
C90127 - Lean MDEA Cooler		0.0	0.0	92.6	0	0	0.0		58.3			73.4			83.9			87.8			85.5			86.2			81.5			75.4
C90108 - Fresh Feed /		0.0	0.0	92.6	0	0	0.0		58.3			73.4			83.9			87.8			85.5			86.2			81.5			75.4
C90109 - Fresh Feed /		0.0	0.0	92.6	0	0	0.0		58.3			73.4			83.9			87.8			85.5			86.2			81.5			75.4
C90106 A - Fresh Feed /		0.0	0.0	92.6	0	0	0.0		58.3			73.4			83.9			87.8			85.5			86.2			81.5			75.4
F7244 - Fuel Gas K.O. Drum		0.0	0.0	97.2	0	0	0.0	55.2	59.1	53.0	57.4	63.1	63.1	59.8	63.0	64.7	66.0	70.7	68.0	77.3	79.1	82.0	84.8	89.1	93.8	89.7	83.3	81.2	79.7	74.7
C90105 A - Atmospheric		0.0	0.0	92.6	0	0	0.0		58.3			73.4			83.9			87.8			85.5			86.2			81.5			75.4
C90105 B - Atmospheric		0.0	0.0	92.6	0	0	0.0		58.3			73.4			83.9			87.8			85.5			86.2			81.5			75.4
C90124 - Recontacting		0.0	0.0	92.6	0	0	0.0		58.3			73.4			83.9			87.8			85.5			86.2			81.5			75.4
C90122 - High Pressure		0.0	0.0	92.6	0	0	0.0		58.3			73.4			83.9			87.8			85.5			86.2			81.5			75.4
C90103 - Wash Oil Column		0.0	0.0	92.6	0	0	0.0		58.3			73.4			83.9			87.8			85.5			86.2			81.5			75.4
C9301A - Rich Amine/Lean		0.0	0.0	92.6	0	0	0.0		58.3			73.4			83.9			87.8			85.5			86.2			81.5			75.4
C9204 - Exchanger		0.0	0.0	92.6	0	0	0.0		58.3			73.4			83.9			87.8			85.5			86.2			81.5			75.4
C9205 - Exchanger		0.0	0.0	92.6	0	0	0.0		58.3			73.4			83.9			87.8			85.5			86.2			81.5			75.4
C9206 - Exchanger		0.0	0.0	92.6	0	0	0.0		58.3			73.4			83.9			87.8			85.5			86.2			81.5			75.4
C90149 A - ASPHALTENES		0.0	0.0	92.6	0	0	0.0		58.3			73.4			83.9			87.8			85.5			86.2			81.5			75.4
C90149 B - ASPHALTENES		0.0	0.0	92.6	0	0	0.0		58.3			73.4			83.9			87.8			85.5			86.2			81.5			75.4
C90181 -		0.0	0.0	92.6	0	0	0.0		58.3			73.4			83.9			87.8			85.5			86.2			81.5			75.4
C90104 - WHPS Vapor /		0.0	0.0	92.6	0	0	0.0		58.3			73.4			83.9			87.8			85.5			86.2			81.5			75.4
C8481 B - HOT		0.0	0.0	92.6	0	0	0.0		58.3			73.4			83.9			87.8			85.5			86.2			81.5			75.4
C8481 A - HOT		0.0	0.0	92.6	0	0	0.0		58.3			73.4			83.9			87.8			85.5			86.2			81.5			75.4
C90146 B -		0.0	0.0	92.6	0	0	0.0		58.3			73.4			83.9			87.8			85.5			86.2			81.5			75.4
C9501 B -		0.0	0.0	92.6	0	0	0.0		58.3			73.4			83.9			87.8			85.5			86.2			81.5			75.4
C9501 A -		0.0	0.0	92.6	0	0	0.0		58.3			73.4			83.9			87.8			85.5			86.2			81.5			75.4
C9523 -		0.0	0.0	92.6	0	0	0.0		58.3			73.4			83.9			87.8			85.5			86.2			81.5			75.4
C9512 -		0.0	0.0	92.6	0	0	0.0		58.3			73.4			83.9			87.8			85.5			86.2			81.5			75.4
C9511 A/B -		0.0	0.0	92.6	0	0	0.0		58.3			73.4			83.9			87.8			85.5			86.2			81.5			75.4
C9517 A/B/C -		0.0	0.0	92.6	0	0	0.0		58.3			73.4			83.9			87.8			85.5			86.2			81.5			75.4
C9520 -		0.0	0.0	92.6	0	0	0.0		58.3			73.4			83.9			87.8			85.5			86.2			81.5			75.4
C9519 -		0.0	0.0	92.6	0	0	0.0		58.3			73.4			83.9			87.8			85.5			86.2			81.5			75.4
C90147 -		0.0	0.0	92.6	0	0	0.0		58.3			73.4			83.9			87.8			85.5			86.2			81.5			75.4
C90150 -		0.0	0.0	92.6	0	0	0.0		58.3			73.4			83.9			87.8			85.5			86.2			81.5			75.4
C90134 -		0.0	0.0	92.6	0	0	0.0		58.3			73.4			83.9			87.8			85.5			86.2			81.5			75.4
B90101 - Fired Heater 1		0.0	0.0	93.2	0	0	0.0	49.1	54.6	62.2	63.8	72.1	75.4	72.2	75.4	83.2	75.7	86.5	86.1	83.1	84.6	82.2	78.0	77.0	77.3	72.5	72.9	66.4	66.4	60.5
B90101 - Fired Heater 3		0.0	0.0	93.2	0	0	0.0	49.1	54.6	62.2	63.8	72.1	75.4	72.2	75.4	83.2	75.7	86.5	86.1	83.1	84.6	82.2	78.0	77.0	77.3	72.5	72.9	66.4	66.4	60.5
B90101 - Fired Heater 2		0.0	0.0	93.2	0	0	0.0	49.1	54.6	62.2	63.8	72.1	75.4	72.2	75.4	83.2	75.7	86.5	86.1	83.1	84.6	82.2	78.0	77.0	77.3	72.5	72.9	66.4	66.4	60.5
B90101 - Fired Heater 4		0.0	0.0	93.2	0	0	0.0	49.1	54.6	62.2	63.8	72.1	75.4	72.2	75.4	83.2	75.7	86.5	86.1	83.1	84.6	82.2	78.0	77.0	77.3	72.5	72.9	66.4	66.4	60.5
B90102 - Fired Heater 1		0.0	0.0	93.2	0	0	0.0	49.1	54.6	62.2	63.8	72.1	75.4	72.2	75.4	83.2	75.7	86.5	86.1	83.1	84.6	82.2	78.0	77.0	77.3	72.5	72.9	66.4	66.4	60.5
B90102 - Fired Heater 2		0.0	0.0	93.2	0	0	0.0	49.1	54.6	62.2	63.8	72.1	75.4	72.2	75.4	83.2	75.7	86.5	86.1	83.1	84.6	82.2	78.0	77.0	77.3	72.5	72.9	66.4	66.4	60.5
B90102 - Fired Heater 3		0.0	0.0	93.2	0	0	0.0	49.1	54.6	62.2	63.8	72.1	75.4	72.2	75.4	83.2	75.7	86.5	86.1	83.1	84.6	82.2	78.0	77.0	77.3	72.5	72.9	66.4	66.4	60.5

VALUTAZIONE PREVISIONALE IMPIANTO EST - SANNAZZARO DE BURGONDI

DATI ACUSTICI SORGENTI SONORE CONSIDERATE - SITUAZIONE FUTURA

Source	I or S	Li	R'w	Lw	Kl	K	Ko	50 Hz	63 Hz	80 Hz	100 Hz	125 Hz	160 Hz	200 Hz	250 Hz	315 Hz	400 Hz	500 Hz	630 Hz	800 Hz	1 kHz	1,25 kHz	1,6 kHz	2 kHz	2,5 kHz	3,15 kHz	4 kHz	5 kHz	6,3 kHz	8 kHz
B90102 - Fired Heater 4		0.0	0.0	93.2	0	0	0.0	49.1	54.6	62.2	63.8	72.1	75.4	72.2	75.4	83.2	75.7	86.5	86.1	83.1	84.6	82.2	78.0	77.0	77.3	72.5	72.9	66.4	66.4	60.5
B90102 - Fired Heater 5		0.0	0.0	93.2	0	0	0.0	49.1	54.6	62.2	63.8	72.1	75.4	72.2	75.4	83.2	75.7	86.5	86.1	83.1	84.6	82.2	78.0	77.0	77.3	72.5	72.9	66.4	66.4	60.5
B90102 - Fired Heater 6		0.0	0.0	93.2	0	0	0.0	49.1	54.6	62.2	63.8	72.1	75.4	72.2	75.4	83.2	75.7	86.5	86.1	83.1	84.6	82.2	78.0	77.0	77.3	72.5	72.9	66.4	66.4	60.5
B90105 - Fired Heater 1		0.0	0.0	93.2	0	0	0.0	49.1	54.6	62.2	63.8	72.1	75.4	72.2	75.4	83.2	75.7	86.5	86.1	83.1	84.6	82.2	78.0	77.0	77.3	72.5	72.9	66.4	66.4	60.5
B90103 - Fired Heater 1		0.0	0.0	93.2	0	0	0.0	49.1	54.6	62.2	63.8	72.1	75.4	72.2	75.4	83.2	75.7	86.5	86.1	83.1	84.6	82.2	78.0	77.0	77.3	72.5	72.9	66.4	66.4	60.5
B90104 - Fired Heater 1		0.0	0.0	93.2	0	0	0.0	49.1	54.6	62.2	63.8	72.1	75.4	72.2	75.4	83.2	75.7	86.5	86.1	83.1	84.6	82.2	78.0	77.0	77.3	72.5	72.9	66.4	66.4	60.5
B90104 - Fired Heater 2		0.0	0.0	93.2	0	0	0.0	49.1	54.6	62.2	63.8	72.1	75.4	72.2	75.4	83.2	75.7	86.5	86.1	83.1	84.6	82.2	78.0	77.0	77.3	72.5	72.9	66.4	66.4	60.5
C90148 - BOILER		0.0	0.0	92.6	0	0	0.0		58.3			73.4			83.9			87.8			85.5			86.2			81.5			75.4
C90181 - SLOP COOLER		0.0	0.0	92.6	0	0	0.0		58.3			73.4			83.9			87.8			85.5			86.2			81.5			75.4
C90135 - ASPHALTENES		0.0	0.0	92.6	0	0	0.0		58.3			73.4			83.9			87.8			85.5			86.2			81.5			75.4
C90149 B - ASPHALTENES		0.0	0.0	92.6	0	0	0.0		58.3			73.4			83.9			87.8			85.5			86.2			81.5			75.4
C90131 - FUEL GAS		0.0	0.0	92.6	0	0	0.0		58.3			73.4			83.9			87.8			85.5			86.2			81.5			75.4
C90145 B - VGO Stripper		0.0	0.0	92.6	0	0	0.0		58.3			73.4			83.9			87.8			85.5			86.2			81.5			75.4
C90123 A - HP Steam		0.0	0.0	92.6	0	0	0.0		58.3			73.4			83.9			87.8			85.5			86.2			81.5			75.4
C90149 A - ASPHALTENES		0.0	0.0	92.6	0	0	0.0		58.3			73.4			83.9			87.8			85.5			86.2			81.5			75.4
C90123 A - HP Steam		0.0	0.0	92.6	0	0	0.0		58.3			73.4			83.9			87.8			85.5			86.2			81.5			75.4
C9203 - Exchanger		0.0	0.0	92.6	0	0	0.0		58.3			73.4			83.9			87.8			85.5			86.2			81.5			75.4
C90106 B - Fresh Feed /		0.0	0.0	92.6	0	0	0.0		58.3			73.4			83.9			87.8			85.5			86.2			81.5			75.4
D90101A	60.00	0.0	0.0	88.2	0	0	0.0	47.9	54.1	56.7	58.2	56.8	61.7	63.3	71.8	68.8	70.7	75.2	79.1	74.4	74.4	77.3	80.0	78.1	77.1	78.2	76.8	75.3	74.3	70.2
D90101B	60.00	0.0	0.0	93.2	0	0	0.0	52.9	59.1	61.7	63.2	61.8	66.7	68.3	76.8	73.8	75.7	80.2	84.1	79.4	79.4	82.3	85.0	83.1	82.1	83.2	81.8	80.3	79.3	75.2
C90162 - Kero Product	17.81	0.0	0.0	80.9	0	0	0.0	50.3	52.4	53.7	64.4	59.4	59.4	60.9	62.7	67.9	63.5	75.7	74.0	63.3	63.5	69.3	71.0	68.3	68.2	63.4	61.6	59.4	54.5	52.6
C90151 - Reactor Effluent	275.45	0.0	0.0	92.8	0	0	0.0	62.2	64.3	65.6	76.3	71.3	71.3	72.8	74.6	79.8	75.4	87.6	85.9	75.2	75.4	81.2	82.9	80.2	80.1	75.3	73.5	71.3	66.4	64.5
C90159 - Recontacting Gas	20.05	0.0	0.0	81.4	0	0	0.0	50.8	52.9	54.2	64.9	59.9	59.9	61.4	63.2	68.4	64.0	76.2	74.5	63.8	64.0	69.8	71.5	68.8	68.7	63.9	62.1	59.9	55.0	53.1
C90164B - VGO Product	82.59	0.0	0.0	87.6	0	0	0.0	57.0	59.1	60.4	71.1	66.1	66.1	67.6	69.4	74.6	70.2	82.4	80.7	70.0	70.2	76.0	77.7	75.0	74.9	70.1	68.3	66.1	61.2	59.3
C90163 - AGO Product	29.98	0.0	0.0	83.2	0	0	0.0	52.6	54.7	56.0	66.7	61.7	61.7	63.2	65.0	70.2	65.8	78.0	76.3	65.6	65.8	71.6	73.3	70.6	70.5	65.7	63.9	61.7	56.8	54.9
C90152 - Upgrader Effluent	72.76	0.0	0.0	87.0	0	0	0.0	56.4	58.5	59.8	70.5	65.5	65.5	67.0	68.8	74.0	69.6	81.8	80.1	69.4	69.6	75.4	77.1	74.4	74.3	69.5	67.7	65.5	60.6	58.7
C90170 - VGO Upgrader	137.51	0.0	0.0	89.8	0	0	0.0	59.2	61.3	62.6	73.3	68.3	68.3	69.8	71.6	76.8	72.4	84.6	82.9	72.2	72.4	78.2	79.9	77.2	77.1	72.3	70.5	68.3	63.4	61.5
C90157 - Preflash Column	90.88	0.0	0.0	88.0	0	0	0.0	57.4	59.5	60.8	71.5	66.5	66.5	68.0	69.8	75.0	70.6	82.8	81.1	70.4	70.6	76.4	78.1	75.4	75.3	70.5	68.7	66.5	61.6	59.7
C90156 - LVGO Aircooler	162.63	0.0	0.0	90.5	0	0	0.0	59.9	62.0	63.3	74.0	69.0	69.0	70.5	72.3	77.5	73.1	85.3	83.6	72.9	73.1	78.9	80.6	77.9	77.8	73.0	71.2	69.0	64.1	62.2
C7240 - Heavy Slop Air	57.58	0.0	0.0	86.0	0	0	0.0	55.4	57.5	58.8	69.5	64.5	64.5	66.0	67.8	73.0	68.6	80.8	79.1	68.4	68.6	74.4	76.1	73.4	73.3	68.5	66.7	64.5	59.6	57.7
C90166 - Aircooler	4.96	0.0	0.0	75.4	0	0	0.0	44.8	46.9	48.2	58.9	53.9	53.9	55.4	57.2	62.4	58.0	70.2	68.5	57.8	58.0	63.8	65.5	62.8	62.7	57.9	56.1	53.9	49.0	47.1
C9252 - AIRCOOLER	105.74	0.0	0.0	88.6	0	0	0.0	58.1	60.2	61.5	72.2	67.2	67.2	68.7	70.5	75.7	71.3	83.5	81.8	71.1	71.3	77.1	78.8	76.1	76.0	71.2	69.4	67.2	62.3	60.4
C9460 -	52.50	0.0	0.0	85.6	0	0	0.0	55.0	57.1	58.4	69.1	64.1	64.1	65.6	67.4	72.6	68.2	80.4	78.7	68.0	68.2	74.0	75.7	73.0	72.9	68.1	66.3	64.1	59.2	57.3
C9253 - AIRCOOLER	99.20	0.0	0.0	88.4	0	0	0.0	57.8	59.9	61.2	71.9	66.9	66.9	68.4	70.2	75.4	71.0	83.2	81.5	70.8	71.0	76.8	78.5	75.8	75.7	70.9	69.1	66.9	62.0	60.1
C9251 - AIRCOOLER	25.53	0.0	0.0	82.5	0	0	0.0	51.9	54.0	55.3	66.0	61.0	61.0	62.5	64.3	69.5	65.1	77.3	75.6	64.9	65.1	70.9	72.6	69.9	69.8	65.0	63.2	61.0	56.1	54.2
C90159 - Recontacting Gas	8.01	0.0	0.0	77.4	0	0	0.0	46.9	49.0	50.3	61.0	56.0	56.0	57.5	59.3	64.5	60.1	72.3	70.6	59.9	60.1	65.9	67.6	64.9	64.8	60.0	58.2	56.0	51.1	49.2
C90158 - Atmospheric	89.41	0.0	0.0	87.9	0	0	0.0	57.3	59.4	60.7	71.4	66.4	66.4	67.9	69.7	74.9	70.5	82.7	81.0	70.3	70.5	76.3	78.0	75.3	75.2	70.4	68.6	66.4	61.5	59.6
C90159 - Recontacting Gas	66.66	0.0	0.0	95.0	0	0	0.0	64.5	66.6	67.9	78.6	73.6	73.6	75.1	76.9	82.1	77.7	89.9	88.2	77.5	77.7	83.5	85.2	82.5	82.4	77.6	75.8	73.6	68.7	66.8
C90159 - Recontacting Gas	26.04	0.0	0.0	91.0	0	0	0.0	60.4	62.5	63.8	74.5	69.5	69.5	71.0	72.8	78.0	73.6	85.8	84.1	73.4	73.6	79.4	81.1	78.4	78.3	73.5	71.7	69.5	64.6	62.7

VALUTAZIONE PREVISIONALE IMPIANTO EST - SANNAZZARO DE BURGONDI

DATI ACUSTICI SORGENTI SONORE CONSIDERATE - SITUAZIONE FUTURA

Source	I or S	Li	R'w	Lw	Kl	K	Ko	50 Hz	63 Hz	80 Hz	100 Hz	125 Hz	160 Hz	200 Hz	250 Hz	315 Hz	400 Hz	500 Hz	630 Hz	800 Hz	1 kHz	1,25 kHz	1,6 kHz	2 kHz	2,5 kHz	3,15 kHz	4 kHz	5 kHz	6,3 kHz	8 kHz
C90158 - Atmospheric	28.50	0.0	0.0	83.0	0	0	0.0	52.4	54.5	55.8	66.5	61.5	61.5	63.0	64.8	70.0	65.6	77.8	76.1	65.4	65.6	71.4	73.1	70.4	70.3	65.5	63.7	61.5	56.6	54.7
C90158 - Atmospheric	13.68	0.0	0.0	79.8	0	0	0.0	49.2	51.3	52.6	63.3	58.3	58.3	59.8	61.6	66.8	62.4	74.6	72.9	62.2	62.4	68.2	69.9	67.2	67.1	62.3	60.5	58.3	53.4	51.5
C96XX - AIRCOOLER	141.74	0.0	0.0	89.9	0	0	0.0	59.3	61.4	62.7	73.4	68.4	68.4	69.9	71.7	76.9	72.5	84.7	83.0	72.3	72.5	78.3	80.0	77.3	77.2	72.4	70.6	68.4	63.5	61.6
C9550 - Air Cooler	220.79	0.0	0.0	91.8	0	0	0.0	61.3	63.4	64.7	75.4	70.4	70.4	71.9	73.7	78.9	74.5	86.7	85.0	74.3	74.5	80.3	82.0	79.3	79.2	74.4	72.6	70.4	65.5	63.6
C9550 - Air Cooler	55.90	0.0	0.0	85.9	0	0	0.0	55.3	57.4	58.7	69.4	64.4	64.4	65.9	67.7	72.9	68.5	80.7	79.0	68.3	68.5	74.3	76.0	73.3	73.2	68.4	66.6	64.4	59.5	57.6
C90163 - Kero Product	17.81	0.0	0.0	80.9	0	0	0.0	50.3	52.4	53.7	64.4	59.4	59.4	60.9	62.7	67.9	63.5	75.7	74.0	63.3	63.5	69.3	71.0	68.3	68.2	63.4	61.6	59.4	54.5	52.6
L 9601 - Parete acqua	209.52	0.0	0.0	92.5	0	0	3.0	68.0	69.8	77.1	77.3	79.3	82.0	82.0	80.2	79.3	89.0	80.8	77.3	74.2	70.2	68.8	65.2	68.4	64.5	62.4	61.2	53.4	71.7	70.4
L 9601 - Ventilatori	382.20	0.0	0.0	112.4	0	0	0.0	86.6	90.2	91.3	91.6	91.1	92.2	94.1	95.1	97.7	101.7	99.2	99.7	102.3	105.3	106.3	101.5	98.4	95.8	92.7	89.7	87.9	83.2	75.9
L 9601 - Motore ventilatore		0.0	0.0	98.3	0	0	0.0	59.2	63.0	67.5	65.0	68.0	72.7	74.5	77.2	82.2	86.6	84.0	85.7	88.5	92.1	92.8	88.0	84.8	82.0	78.5	75.3	74.1	69.1	60.9
L 9601 - Motore ventilatore		0.0	0.0	98.3	0	0	0.0	59.2	63.0	67.5	65.0	68.0	72.7	74.5	77.2	82.2	86.6	84.0	85.7	88.5	92.1	92.8	88.0	84.8	82.0	78.5	75.3	74.1	69.1	60.9
L 9601 - Motore ventilatore		0.0	0.0	98.3	0	0	0.0	59.2	63.0	67.5	65.0	68.0	72.7	74.5	77.2	82.2	86.6	84.0	85.7	88.5	92.1	92.8	88.0	84.8	82.0	78.5	75.3	74.1	69.1	60.9
L 9601 - Motore ventilatore		0.0	0.0	98.3	0	0	0.0	59.2	63.0	67.5	65.0	68.0	72.7	74.5	77.2	82.2	86.6	84.0	85.7	88.5	92.1	92.8	88.0	84.8	82.0	78.5	75.3	74.1	69.1	60.9
L 9601 - Parete acqua	193.00	0.0	0.0	92.1	0	0	3.0	67.7	69.5	76.8	77.0	79.0	81.7	81.7	79.9	79.0	88.7	80.5	77.0	73.9	69.9	68.5	64.9	68.1	64.2	62.1	60.9	53.1	71.4	70.1
L 9601 - Parete acqua	11.00	0.0	0.0	93.6	0	0	3.0	61.2	64.1	64.5	66.5	68.9	73.6	72.0	73.2	78.1	77.9	85.0	84.2	85.0	86.3	83.9	82.8	82.3	76.3	77.7	73.7	69.6	66.5	63.4
J9601 D - Pompa		0.0	0.0	88.5	0	0	0.0	54.8	55.8	55.5	54.9	56.2	56.6	58.7	65.1	68.2	71.8	75.9	77.6	80.8	81.1	78.6	79.0	78.2	77.4	74.7	72.6	68.6	64.0	56.4
PK90154 - Hydrogen	923.83	0.0	0.0	92.3	0	0	0.0	57.8	57.9	61.3	66.8	70.6	73.6	75.9	76.2	75.6	83.4	81.5	87.8	80.6	80.5	80.6	78.6	77.5	76.3	74.7	74.5	73.0	69.1	66.8
PSA	512.22	0.0	0.0	90.3	0	0	0.0	50.7	47.9	67.2	77.2	70.5	66.5	68.4	78.6	80.9	80.4	73.8	78.0	74.1	77.3	76.7	76.3	79.0	81.4	81.7	75.1	74.4	66.4	60.3
PK - 8801	701.89	0.0	0.0	100.8	0	0	0.0	70.2	72.3	73.6	84.3	79.3	79.3	80.8	82.6	87.8	83.4	95.6	93.9	83.2	83.4	89.2	90.9	88.2	88.1	83.3	81.5	79.3	74.4	72.5
PK - 8474	258.35	0.0	0.0	96.4	0	0	0.0	65.8	67.9	69.2	79.9	74.9	74.9	76.4	78.2	83.4	79.0	91.2	89.5	78.8	79.0	84.8	86.5	83.8	83.7	78.9	77.1	74.9	70.0	68.1
PK - 8473	239.74	0.0	0.0	96.1	0	0	0.0	65.5	67.6	68.9	79.6	74.6	74.6	76.1	77.9	83.1	78.7	90.9	89.2	78.5	78.7	84.5	86.2	83.5	83.4	78.6	76.8	74.6	69.7	67.8
PK - 8471	444.54	0.0	0.0	88.8	0	0	0.0	58.2	60.3	61.6	72.3	67.3	67.3	68.8	70.6	75.8	71.4	83.6	81.9	71.2	71.4	77.2	78.9	76.2	76.1	71.3	69.5	67.3	62.4	60.5
FG Station	80.85	0.0	0.0	76.4	0	0	0.0	45.8	47.9	49.2	59.9	54.9	54.9	56.4	58.2	63.4	59.0	71.2	69.5	58.8	59.0	64.8	66.5	63.8	63.7	58.9	57.1	54.9	50.0	48.1
Feed - Steam Mixing	139.61	0.0	0.0	80.8	0	0	0.0	50.2	52.3	53.6	64.3	59.3	59.3	60.8	62.6	67.8	63.4	75.6	73.9	63.2	63.4	69.2	70.9	68.2	68.1	63.3	61.5	59.3	54.4	52.5
PSA	195.13	0.0	0.0	86.2	0	0	0.0	46.5	43.7	63.0	73.0	66.3	62.3	64.2	74.4	76.7	76.2	69.6	73.8	69.9	73.1	72.5	72.1	74.8	77.2	77.5	70.9	70.2	62.2	56.1
F7240 - HC Flare	33.92	0.0	0.0	108.8	0	0	0.0	45.1	53.1	62.8	71.6	91.8	88.2	86.2	90.8	81.5	89.8	98.2	107.1	96.2	95.3	94.1	91.0	89.4	87.6	83.7	80.8	76.8	74.6	67.0
F7241 - Acid Flare K.O.	12.99	0.0	0.0	79.9	0	0	0.0	16.2	24.2	33.9	42.7	62.9	59.3	57.3	61.9	52.6	60.9	69.3	78.2	67.3	66.4	65.2	62.1	60.5	58.7	54.8	51.9	47.9	45.7	38.1
PK9501	26.15	0.0	0.0	107.6	0	0	0.0	43.9	51.9	61.6	70.4	90.6	87.0	85.0	89.6	80.3	88.6	97.0	105.9	95.0	94.1	92.9	89.8	88.2	86.4	82.5	79.6	75.6	73.4	65.8
PK9501	26.19	0.0	0.0	107.7	0	0	0.0	43.9	51.9	61.6	70.4	90.6	87.0	85.0	89.6	80.3	88.6	97.0	105.9	95.0	94.1	92.9	89.8	88.2	86.4	82.5	79.6	75.6	73.4	65.8
C9413	9.15	0.0	0.0	78.4	0	0	0.0	14.7	22.7	32.4	41.2	61.4	57.8	55.8	60.4	51.1	59.4	67.8	76.7	65.8	64.9	63.7	60.6	59.0	57.2	53.3	50.4	46.4	44.2	36.6
C9452 -	6.75	0.0	0.0	77.1	0	0	0.0	13.4	21.4	31.1	39.9	60.1	56.5	54.5	59.1	49.8	58.1	66.5	75.4	64.5	63.6	62.4	59.3	57.7	55.9	52.0	49.1	45.1	42.9	35.3
C9454 -	6.14	0.0	0.0	76.6	0	0	0.0	12.9	20.9	30.6	39.4	59.6	56.0	54.0	58.6	49.3	57.6	66.0	74.9	64.0	63.1	61.9	58.8	57.2	55.4	51.5	48.6	44.6	42.4	34.8
C9422 -	9.90	0.0	0.0	78.7	0	0	0.0	15.0	23.0	32.7	41.5	61.7	58.1	56.1	60.7	51.4	59.7	68.1	77.0	66.1	65.2	64.0	60.9	59.3	57.5	53.6	50.7	46.7	44.5	36.9
C9423 -	9.34	0.0	0.0	78.5	0	0	0.0	14.8	22.8	32.5	41.3	61.5	57.9	55.9	60.5	51.2	59.5	67.9	76.8	65.9	65.0	63.8	60.7	59.1	57.3	53.4	50.5	46.5	44.3	36.7
C9451	7.30	0.0	0.0	98.1	0	0	0.0	34.4	42.4	52.1	60.9	81.1	77.5	75.5	80.1	70.8	79.1	87.5	96.4	85.5	84.6	83.4	80.3	78.7	76.9	73.0	70.1	66.1	63.9	56.3
C9431 -	30.44	0.0	0.0	83.6	0	0	0.0	19.9	27.9	37.6	46.4	66.6	63.0	61.0	65.6	56.3	64.6	73.0	81.9	71.0	70.1	68.9	65.8	64.2	62.4	58.5	55.6	51.6	49.4	41.8
F9304 - Amine Sump Drum	5.54	0.0	0.0	97.8	0	0	0.0	61.9	66.0	70.8	67.3	69.2	75.6	80.4	78.3	80.0	83.9	90.1	89.6	89.7	85.3	89.1	86.6	86.6	84.4	82.1	78.0	73.9	70.3	66.0
F9301 - Rich Amine Flash	20.18	0.0	0.0	81.8	0	0	0.0	18.1	26.1	35.8	44.6	64.8	61.2	59.2	63.8	54.5	62.8	71.2	80.1	69.2	68.3	67.1	64.0	62.4	60.6	56.7	53.8	49.8	47.6	40.0
F90156 - HC Blowdown Drum	23.20	0.0	0.0	82.4	0	0	0.0	18.7	26.7	36.4	45.2	65.4	61.8	59.8	64.4	55.1	63.4	71.8	80.7	69.8	68.9	67.7	64.6	63.0	61.2	57.3	54.4	50.4	48.2	40.6
F90120 - Preflash Column	7.96	0.0	0.0	77.8	0	0	0.0	14.1	22.1	31.8	40.6	60.8	57.2	55.2	59.8	50.5	58.8	67.2	76.1	65.2	64.3	63.1	60.0	58.4	56.6	52.7	49.8	45.8	43.6	36.0

VALUTAZIONE PREVISIONALE IMPIANTO EST - SANNAZZARO DE BURGONDI

DATI ACUSTICI SORGENTI SONORE CONSIDERATE - SITUAZIONE FUTURA

Source	I or S	Li	R'w	Lw	Kl	K	Ko	50 Hz	63 Hz	80 Hz	100 Hz	125 Hz	160 Hz	200 Hz	250 Hz	315 Hz	400 Hz	500 Hz	630 Hz	800 Hz	1 kHz	1,25 kHz	1,6 kHz	2 kHz	2,5 kHz	3,15 kHz	4 kHz	5 kHz	6,3 kHz	8 kHz
F90121 - Vacuum Flash	4.52	0.0	0.0	77.3	0	0	0.0	13.6	21.6	31.3	40.1	60.3	56.7	54.7	59.3	50.0	58.3	66.7	75.6	64.7	63.8	62.6	59.5	57.9	56.1	52.2	49.3	45.3	43.1	35.5
R90107 -	13.00	0.0	0.0	86.6	0	0	0.0	46.3	52.5	55.1	56.6	55.2	60.1	61.7	70.2	67.2	69.1	73.6	77.5	72.8	72.8	75.7	78.4	76.5	75.5	76.6	75.2	73.7	72.7	68.6
R90108 -	13.00	0.0	0.0	81.6	0	0	0.0	41.3	47.5	50.1	51.6	50.2	55.1	56.7	65.2	62.2	64.1	68.6	72.5	67.8	67.8	70.7	73.4	71.5	70.5	71.6	70.2	68.7	67.7	63.6
D90105 -	60.00	0.0	0.0	93.2	0	0	0.0	52.9	59.1	61.7	63.2	61.8	66.7	68.3	76.8	73.8	75.7	80.2	84.1	79.4	79.4	82.3	85.0	83.1	82.1	83.2	81.8	80.3	79.3	75.2
F90108 - Hot Low Pressure	25.00	0.0	0.0	89.4	0	0	0.0	49.1	55.3	57.9	59.4	58.0	62.9	64.5	73.0	70.0	71.9	76.4	80.3	75.6	75.6	78.5	81.2	79.3	78.3	79.4	78.0	76.5	75.5	71.4
F90123 - Atmospheric	0.0	0.0	0.0	91.0	0	0	0.0	49.0	52.9	46.8	51.2	56.9	56.9	53.6	56.8	58.5	59.8	64.5	61.8	71.1	72.9	75.8	78.6	82.9	87.6	83.5	77.1	75.0	73.5	68.5
F90119 - Upgrader Feed	0.0	0.0	0.0	91.0	0	0	0.0	49.0	52.9	46.8	51.2	56.9	56.9	53.6	56.8	58.5	59.8	64.5	61.8	71.1	72.9	75.8	78.6	82.9	87.6	83.5	77.1	75.0	73.5	68.5
F90117 - Recycle Gasoil	0.0	0.0	0.0	91.0	0	0	0.0	49.0	52.9	46.8	51.2	56.9	56.9	53.6	56.8	58.5	59.8	64.5	61.8	71.1	72.9	75.8	78.6	82.9	87.6	83.5	77.1	75.0	73.5	68.5
F90104 - Upgrader Cold	0.0	0.0	0.0	91.0	0	0	0.0	49.0	52.9	46.8	51.2	56.9	56.9	53.6	56.8	58.5	59.8	64.5	61.8	71.1	72.9	75.8	78.6	82.9	87.6	83.5	77.1	75.0	73.5	68.5
F90103 - Cold High	0.0	0.0	0.0	91.0	0	0	0.0	49.0	52.9	46.8	51.2	56.9	56.9	53.6	56.8	58.5	59.8	64.5	61.8	71.1	72.9	75.8	78.6	82.9	87.6	83.5	77.1	75.0	73.5	68.5
F90107 - Combined Feed	0.0	0.0	0.0	91.0	0	0	0.0	49.0	52.9	46.8	51.2	56.9	56.9	53.6	56.8	58.5	59.8	64.5	61.8	71.1	72.9	75.8	78.6	82.9	87.6	83.5	77.1	75.0	73.5	68.5
F90101 A - Hot High	0.0	0.0	0.0	91.0	0	0	0.0	49.0	52.9	46.8	51.2	56.9	56.9	53.6	56.8	58.5	59.8	64.5	61.8	71.1	72.9	75.8	78.6	82.9	87.6	83.5	77.1	75.0	73.5	68.5
F90102 - Warm High	0.0	0.0	0.0	91.0	0	0	0.0	49.0	52.9	46.8	51.2	56.9	56.9	53.6	56.8	58.5	59.8	64.5	61.8	71.1	72.9	75.8	78.6	82.9	87.6	83.5	77.1	75.0	73.5	68.5
F90109 - Recycle Gas	0.0	0.0	0.0	91.0	0	0	0.0	49.0	52.9	46.8	51.2	56.9	56.9	53.6	56.8	58.5	59.8	64.5	61.8	71.1	72.9	75.8	78.6	82.9	87.6	83.5	77.1	75.0	73.5	68.5
F90135 - VGO Upgrader	0.0	0.0	0.0	91.0	0	0	0.0	49.0	52.9	46.8	51.2	56.9	56.9	53.6	56.8	58.5	59.8	64.5	61.8	71.1	72.9	75.8	78.6	82.9	87.6	83.5	77.1	75.0	73.5	68.5
F90133 - VGO Upg Recycle	0.0	0.0	0.0	91.0	0	0	0.0	49.0	52.9	46.8	51.2	56.9	56.9	53.6	56.8	58.5	59.8	64.5	61.8	71.1	72.9	75.8	78.6	82.9	87.6	83.5	77.1	75.0	73.5	68.5
F90132 - VGO Upgrader	0.0	0.0	0.0	91.0	0	0	0.0	49.0	52.9	46.8	51.2	56.9	56.9	53.6	56.8	58.5	59.8	64.5	61.8	71.1	72.9	75.8	78.6	82.9	87.6	83.5	77.1	75.0	73.5	68.5
F90134 - VGO Upgrader	0.0	0.0	0.0	91.0	0	0	0.0	49.0	52.9	46.8	51.2	56.9	56.9	53.6	56.8	58.5	59.8	64.5	61.8	71.1	72.9	75.8	78.6	82.9	87.6	83.5	77.1	75.0	73.5	68.5
F90116 - Upgrader Recycle	0.0	0.0	0.0	91.0	0	0	0.0	49.0	52.9	46.8	51.2	56.9	56.9	53.6	56.8	58.5	59.8	64.5	61.8	71.1	72.9	75.8	78.6	82.9	87.6	83.5	77.1	75.0	73.5	68.5
F90118 - Upgrader Hot Low	0.0	0.0	0.0	91.0	0	0	0.0	49.0	52.9	46.8	51.2	56.9	56.9	53.6	56.8	58.5	59.8	64.5	61.8	71.1	72.9	75.8	78.6	82.9	87.6	83.5	77.1	75.0	73.5	68.5
F90106 - Upgrader Hot High	0.0	0.0	0.0	91.0	0	0	0.0	49.0	52.9	46.8	51.2	56.9	56.9	53.6	56.8	58.5	59.8	64.5	61.8	71.1	72.9	75.8	78.6	82.9	87.6	83.5	77.1	75.0	73.5	68.5
F90128 - SOUR WATER	0.0	0.0	0.0	91.0	0	0	0.0	49.0	52.9	46.8	51.2	56.9	56.9	53.6	56.8	58.5	59.8	64.5	61.8	71.1	72.9	75.8	78.6	82.9	87.6	83.5	77.1	75.0	73.5	68.5
F90129 - Lean Amine Surge	0.0	0.0	0.0	91.0	0	0	0.0	49.0	52.9	46.8	51.2	56.9	56.9	53.6	56.8	58.5	59.8	64.5	61.8	71.1	72.9	75.8	78.6	82.9	87.6	83.5	77.1	75.0	73.5	68.5
F90136 - VGO Stripper	0.0	0.0	0.0	91.0	0	0	0.0	49.0	52.9	46.8	51.2	56.9	56.9	53.6	56.8	58.5	59.8	64.5	61.8	71.1	72.9	75.8	78.6	82.9	87.6	83.5	77.1	75.0	73.5	68.5
F90127 - LPG Absorber	0.0	0.0	0.0	91.0	0	0	0.0	49.0	52.9	46.8	51.2	56.9	56.9	53.6	56.8	58.5	59.8	64.5	61.8	71.1	72.9	75.8	78.6	82.9	87.6	83.5	77.1	75.0	73.5	68.5
F90122 - Off Gas Seal Drum	0.0	0.0	0.0	91.0	0	0	0.0	49.0	52.9	46.8	51.2	56.9	56.9	53.6	56.8	58.5	59.8	64.5	61.8	71.1	72.9	75.8	78.6	82.9	87.6	83.5	77.1	75.0	73.5	68.5
F9205 - Sour Water Stripper	0.0	0.0	0.0	91.0	0	0	0.0	49.0	52.9	46.8	51.2	56.9	56.9	53.6	56.8	58.5	59.8	64.5	61.8	71.1	72.9	75.8	78.6	82.9	87.6	83.5	77.1	75.0	73.5	68.5
F90159 - HC Blowdown	0.0	0.0	0.0	91.0	0	0	0.0	49.0	52.9	46.8	51.2	56.9	56.9	53.6	56.8	58.5	59.8	64.5	61.8	71.1	72.9	75.8	78.6	82.9	87.6	83.5	77.1	75.0	73.5	68.5
F90155 A - Amine Sump	0.0	0.0	0.0	91.0	0	0	0.0	49.0	52.9	46.8	51.2	56.9	56.9	53.6	56.8	58.5	59.8	64.5	61.8	71.1	72.9	75.8	78.6	82.9	87.6	83.5	77.1	75.0	73.5	68.5
F90152 A - Light Closed	0.0	0.0	0.0	91.0	0	0	0.0	49.0	52.9	46.8	51.2	56.9	56.9	53.6	56.8	58.5	59.8	64.5	61.8	71.1	72.9	75.8	78.6	82.9	87.6	83.5	77.1	75.0	73.5	68.5
F90111 - Make up Hydr	0.0	0.0	0.0	91.0	0	0	0.0	49.0	52.9	46.8	51.2	56.9	56.9	53.6	56.8	58.5	59.8	64.5	61.8	71.1	72.9	75.8	78.6	82.9	87.6	83.5	77.1	75.0	73.5	68.5
F90166 -	0.0	0.0	0.0	91.0	0	0	0.0	49.0	52.9	46.8	51.2	56.9	56.9	53.6	56.8	58.5	59.8	64.5	61.8	71.1	72.9	75.8	78.6	82.9	87.6	83.5	77.1	75.0	73.5	68.5
F90101 B - Hot High	0.0	0.0	0.0	91.0	0	0	0.0	49.0	52.9	46.8	51.2	56.9	56.9	53.6	56.8	58.5	59.8	64.5	61.8	71.1	72.9	75.8	78.6	82.9	87.6	83.5	77.1	75.0	73.5	68.5
F8621 -	0.0	0.0	0.0	91.0	0	0	0.0	49.0	52.9	46.8	51.2	56.9	56.9	53.6	56.8	58.5	59.8	64.5	61.8	71.1	72.9	75.8	78.6	82.9	87.6	83.5	77.1	75.0	73.5	68.5
F8621 -	0.0	0.0	0.0	91.0	0	0	0.0	49.0	52.9	46.8	51.2	56.9	56.9	53.6	56.8	58.5	59.8	64.5	61.8	71.1	72.9	75.8	78.6	82.9	87.6	83.5	77.1	75.0	73.5	68.5
F90164 -	0.0	0.0	0.0	91.0	0	0	0.0	49.0	52.9	46.8	51.2	56.9	56.9	53.6	56.8	58.5	59.8	64.5	61.8	71.1	72.9	75.8	78.6	82.9	87.6	83.5	77.1	75.0	73.5	68.5
F9401 -	0.0	0.0	0.0	91.0	0	0	0.0	49.0	52.9	46.8	51.2	56.9	56.9	53.6	56.8	58.5	59.8	64.5	61.8	71.1	72.9	75.8	78.6	82.9	87.6	83.5	77.1	75.0	73.5	68.5
F9441 -	0.0	0.0	0.0	91.0	0	0	0.0	49.0	52.9	46.8	51.2	56.9	56.9	53.6	56.8	58.5	59.8	64.5	61.8	71.1	72.9	75.8	78.6	82.9	87.6	83.5	77.1	75.0	73.5	68.5
F9402 -	0.0	0.0	0.0	91.0	0	0	0.0	49.0	52.9	46.8	51.2	56.9	56.9	53.6	56.8	58.5	59.8	64.5	61.8	71.1	72.9	75.8	78.6	82.9	87.6	83.5	77.1	75.0	73.5	68.5

VALUTAZIONE PREVISIONALE IMPIANTO EST - SANNAZZARO DE BURGONDI

DATI ACUSTICI SORGENTI SONORE CONSIDERATE - SITUAZIONE FUTURA

Source	I or S	Li	R'w	Lw	Kl	K	Ko	50 Hz	63 Hz	80 Hz	100 Hz	125 Hz	160 Hz	200 Hz	250 Hz	315 Hz	400 Hz	500 Hz	630 Hz	800 Hz	1 kHz	1,25 kHz	1,6 kHz	2 kHz	2,5 kHz	3,15 kHz	4 kHz	5 kHz	6,3 kHz	8 kHz
F9415 -		0.0	0.0	91.0	0	0	0.0	49.0	52.9	46.8	51.2	56.9	56.9	53.6	56.8	58.5	59.8	64.5	61.8	71.1	72.9	75.8	78.6	82.9	87.6	83.5	77.1	75.0	73.5	68.5
F9513 -		0.0	0.0	91.0	0	0	0.0	49.0	52.9	46.8	51.2	56.9	56.9	53.6	56.8	58.5	59.8	64.5	61.8	71.1	72.9	75.8	78.6	82.9	87.6	83.5	77.1	75.0	73.5	68.5
F9502 -		0.0	0.0	91.0	0	0	0.0	49.0	52.9	46.8	51.2	56.9	56.9	53.6	56.8	58.5	59.8	64.5	61.8	71.1	72.9	75.8	78.6	82.9	87.6	83.5	77.1	75.0	73.5	68.5
F9504 -		0.0	0.0	91.0	0	0	0.0	49.0	52.9	46.8	51.2	56.9	56.9	53.6	56.8	58.5	59.8	64.5	61.8	71.1	72.9	75.8	78.6	82.9	87.6	83.5	77.1	75.0	73.5	68.5
F9510 -		0.0	0.0	91.0	0	0	0.0	49.0	52.9	46.8	51.2	56.9	56.9	53.6	56.8	58.5	59.8	64.5	61.8	71.1	72.9	75.8	78.6	82.9	87.6	83.5	77.1	75.0	73.5	68.5
F9507 -		0.0	0.0	91.0	0	0	0.0	49.0	52.9	46.8	51.2	56.9	56.9	53.6	56.8	58.5	59.8	64.5	61.8	71.1	72.9	75.8	78.6	82.9	87.6	83.5	77.1	75.0	73.5	68.5
F9206 - Sour Water Stripper		0.0	0.0	91.0	0	0	0.0	49.0	52.9	46.8	51.2	56.9	56.9	53.6	56.8	58.5	59.8	64.5	61.8	71.1	72.9	75.8	78.6	82.9	87.6	83.5	77.1	75.0	73.5	68.5
F90137 - J90143 A - FRESH		0.0	0.0	91.0	0	0	0.0	49.0	52.9	46.8	51.2	56.9	56.9	53.6	56.8	58.5	59.8	64.5	61.8	71.1	72.9	75.8	78.6	82.9	87.6	83.5	77.1	75.0	73.5	68.5
F90152 B - Light Closed		0.0	0.0	91.0	0	0	0.0	49.0	52.9	46.8	51.2	56.9	56.9	53.6	56.8	58.5	59.8	64.5	61.8	71.1	72.9	75.8	78.6	82.9	87.6	83.5	77.1	75.0	73.5	68.5
F90155 A - Amine Sump		0.0	0.0	91.0	0	0	0.0	49.0	52.9	46.8	51.2	56.9	56.9	53.6	56.8	58.5	59.8	64.5	61.8	71.1	72.9	75.8	78.6	82.9	87.6	83.5	77.1	75.0	73.5	68.5
F90162 - BOILER		0.0	0.0	91.0	0	0	0.0	49.0	52.9	46.8	51.2	56.9	56.9	53.6	56.8	58.5	59.8	64.5	61.8	71.1	72.9	75.8	78.6	82.9	87.6	83.5	77.1	75.0	73.5	68.5
F90124 - NAPHTHA		0.0	0.0	91.0	0	0	0.0	49.0	52.9	46.8	51.2	56.9	56.9	53.6	56.8	58.5	59.8	64.5	61.8	71.1	72.9	75.8	78.6	82.9	87.6	83.5	77.1	75.0	73.5	68.5
F9501 -		0.0	0.0	91.0	0	0	0.0	49.0	52.9	46.8	51.2	56.9	56.9	53.6	56.8	58.5	59.8	64.5	61.8	71.1	72.9	75.8	78.6	82.9	87.6	83.5	77.1	75.0	73.5	68.5
F9514 -		0.0	0.0	91.0	0	0	0.0	49.0	52.9	46.8	51.2	56.9	56.9	53.6	56.8	58.5	59.8	64.5	61.8	71.1	72.9	75.8	78.6	82.9	87.6	83.5	77.1	75.0	73.5	68.5
F9515 -		0.0	0.0	91.0	0	0	0.0	49.0	52.9	46.8	51.2	56.9	56.9	53.6	56.8	58.5	59.8	64.5	61.8	71.1	72.9	75.8	78.6	82.9	87.6	83.5	77.1	75.0	73.5	68.5
F9506 -		0.0	0.0	91.0	0	0	0.0	49.0	52.9	46.8	51.2	56.9	56.9	53.6	56.8	58.5	59.8	64.5	61.8	71.1	72.9	75.8	78.6	82.9	87.6	83.5	77.1	75.0	73.5	68.5
F9509 -		0.0	0.0	91.0	0	0	0.0	49.0	52.9	46.8	51.2	56.9	56.9	53.6	56.8	58.5	59.8	64.5	61.8	71.1	72.9	75.8	78.6	82.9	87.6	83.5	77.1	75.0	73.5	68.5
F9503 -		0.0	0.0	91.0	0	0	0.0	49.0	52.9	46.8	51.2	56.9	56.9	53.6	56.8	58.5	59.8	64.5	61.8	71.1	72.9	75.8	78.6	82.9	87.6	83.5	77.1	75.0	73.5	68.5
F9511 -		0.0	0.0	91.0	0	0	0.0	49.0	52.9	46.8	51.2	56.9	56.9	53.6	56.8	58.5	59.8	64.5	61.8	71.1	72.9	75.8	78.6	82.9	87.6	83.5	77.1	75.0	73.5	68.5
F9511 -		0.0	0.0	91.0	0	0	0.0	49.0	52.9	46.8	51.2	56.9	56.9	53.6	56.8	58.5	59.8	64.5	61.8	71.1	72.9	75.8	78.6	82.9	87.6	83.5	77.1	75.0	73.5	68.5
J90102 B - Make Up		0.0	0.0	120.1	0	0	0.0	56.2	43.5	57.8	73.9	57.8	70.7	84.1	77.4	79.2	83.8	87.5	89.0	92.9	97.2	98.0	104.9	107.0	115.4	116.4	108.6	106.4	101.8	99.2
J90104 B - Recontacting		0.0	0.0	107.6	0	0	0.0					81.2			96.2						101.3			102.5			100.2			89.3
PK 90217		0.0	0.0	90.6	0	0	0.0					56.3			71.4						83.5			84.2			79.5			73.4
J90104 B Mot - Motor		0.0	0.0	90.9	0	0	0.0	52.8	54.1	65.0	78.8	71.9	71.8	77.3	77.4	83.3	78.8	79.4	80.5	75.6	83.1	83.4	76.5	67.9	69.3	68.2	67.0	61.5	58.9	51.9
J90104 A - Recontacting		0.0	0.0	107.6	0	0	0.0					81.2			96.2						101.3			102.5			100.2			89.3
PK 90215		0.0	0.0	90.6	0	0	0.0					56.3			71.4						83.5			84.2			79.5			73.4
J90104 A Mot - Motor		0.0	0.0	90.9	0	0	0.0	52.8	54.1	65.0	78.8	71.9	71.8	77.3	77.4	83.3	78.8	79.4	80.5	75.6	83.1	83.4	76.5	67.9	69.3	68.2	67.0	61.5	58.9	51.9
PK 90204		0.0	0.0	90.6	0	0	0.0					56.3			71.4						83.5			84.2			79.5			73.4
PK 90203		0.0	0.0	90.6	0	0	0.0					56.3			71.4						83.5			84.2			79.5			73.4
J90102 A - Make Up		0.0	0.0	120.1	0	0	0.0	56.2	43.5	57.8	73.9	57.8	70.7	84.1	77.4	79.2	83.8	87.5	89.0	92.9	97.2	98.0	104.9	107.0	115.4	116.4	108.6	106.4	101.8	99.2
L9501 - Camino	9.67	0.0	0.0	97.4	0	0	0.0					63.1			88.7						90.3			91.0			86.3			80.2
D9504 - Bocca Camino	9.40	0.0	0.0	97.3	0	0	0.0					63.0			88.6						90.2			90.9			86.2			80.1
Bocca Camino Flare	9.40	0.0	0.0	96.7	0	0	0.0					63.0			85.6						89.2			90.4			90.2			78.1
E9451 - Bocca Camino	8.04	0.0	0.0	101.1	0	0	0.0					67.3			89.9						93.5			94.7			94.5			82.4
E9452 - Bocca Camino	3.76	0.0	0.0	97.8	0	0	0.0					64.1			86.7						90.3			91.5			91.3			79.2
E9203 - Bocca Camino	3.76	0.0	0.0	97.8	0	0	0.0					64.1			86.7						90.3			91.5			91.3			79.2
E9201 - Bocca Camino	3.76	0.0	0.0	97.8	0	0	0.0					64.1			86.7						90.3			91.5			91.3			79.2
E9202 - Bocca Camino	13.79	0.0	0.0	103.4	0	0	0.0					69.7			92.3						95.9			97.1			96.9			84.8
E9433 - Bocca Camino	3.76	0.0	0.0	97.8	0	0	0.0					64.1			86.7						90.3			91.5			91.3			79.2

VALUTAZIONE PREVISIONALE IMPIANTO EST - SANNAZZARO DE BURGONDI

DATI ACUSTICI SORGENTI SONORE CONSIDERATE - SITUAZIONE FUTURA

Source	I or S	Li	R'w	Lw	Kl	K	Ko	50 Hz	63 Hz	80 Hz	100 Hz	125 Hz	160 Hz	200 Hz	250 Hz	315 Hz	400 Hz	500 Hz	630 Hz	800 Hz	1 kHz	1,25 kHz	1,6 kHz	2 kHz	2,5 kHz	3,15 kHz	4 kHz	5 kHz	6,3 kHz	8 kHz
Camino a 130 m	11.31	0.0	0.0	94.8	0	0	0.0	64.3	66.4	67.7	78.4	73.4	73.4	74.9	76.7	81.9	77.5	89.7	88.0	77.3	77.5	83.3	85.0	82.3	82.2	77.4	75.6	73.4	68.5	66.6
D9504 - Bocca camino	19.91	0.0	0.0	98.5	0	0	0.0	67.3	68.4	71.0	74.3	76.4	80.4	83.1	85.1	85.3	87.7	88.0	87.7	88.4	87.9	87.7	86.9	86.6	86.5	85.4	84.1	82.9	79.4	77.2
L9501 - Camino	80.00	0.0	0.0	99.6	0	0	0.0	68.4	69.5	72.1	75.4	77.5	81.5	84.2	86.2	86.4	88.8	89.1	88.8	89.5	89.0	88.8	88.0	87.7	87.6	86.5	85.2	84.0	80.5	78.3
L9504 - Camino	25.00	0.0	0.0	107.1	0	0	0.0	75.9	77.0	79.6	82.9	85.0	89.0	91.7	93.7	93.9	96.3	96.6	96.3	97.0	96.5	96.3	95.5	95.2	95.1	94.0	92.7	91.5	88.0	85.8
D9504 - Camino	10.00	0.0	0.0	90.6	0	0	0.0	59.3	60.4	63.0	66.3	68.4	72.4	75.1	77.1	77.3	79.7	80.0	79.7	80.4	79.9	79.7	78.9	78.6	78.5	77.4	76.1	74.9	71.4	69.2
L9433 - Camino	33.00	0.0	0.0	105.3	0	0	0.0	74.1	75.2	77.8	81.1	83.2	87.2	89.9	91.9	92.1	94.5	94.8	94.5	95.2	94.7	94.5	93.7	93.4	93.3	92.2	90.9	89.7	86.2	84.0
Camino principale	130.00	0.0	0.0	105.7	0	0	0.0	74.5	75.6	78.2	81.5	83.6	87.6	90.3	92.3	92.5	94.9	95.2	94.9	95.6	95.1	94.9	94.1	93.8	93.7	92.6	91.3	90.1	86.6	84.4
C9252 - AIRCOOLER	105.74	0.0	0.0	88.6	0	0	0.0	58.1	60.2	61.5	72.2	67.2	67.2	68.7	70.5	75.7	71.3	83.5	81.8	71.1	71.3	77.1	78.8	76.1	76.0	71.2	69.4	67.2	62.3	60.4
J90131 B - Unstabilized		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J90131A - Unstabilized		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J90130 B - AGO		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J90130 A - AGO		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J90129 B - Sweet VGO		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J90129 A - Sweet VGO		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J90133 A - AGO Product		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J90133 B - AGO Product		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J90132 B - Kero Product		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J90132 A - Kero Product		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J90116 C - Combined Feed		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J90116 B - Combined Feed		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J90116 A - Combined Feed		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J90119 B - Recycle Gasoil		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J90119 A - Recycle Gasoil		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J90121 B - Vacuum Recycle		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J90122 A - Slop Wax Pump		0.0	0.0	90.9	0	0	0.0	44.8	52.3	59.9	61.5	69.8	73.1	69.9	73.1	80.9	73.4	84.2	83.8	80.8	82.3	79.9	75.7	74.7	75.0	70.2	70.6	64.1	64.1	58.2
J90122 B - Slop Wax Pump		0.0	0.0	90.9	0	0	0.0	44.8	52.3	59.9	61.5	69.8	73.1	69.9	73.1	80.9	73.4	84.2	83.8	80.8	82.3	79.9	75.7	74.7	75.0	70.2	70.6	64.1	64.1	58.2
J90123 B - HVGO Pump		0.0	0.0	90.9	0	0	0.0	44.8	52.3	59.9	61.5	69.8	73.1	69.9	73.1	80.9	73.4	84.2	83.8	80.8	82.3	79.9	75.7	74.7	75.0	70.2	70.6	64.1	64.1	58.2
J90123 A - HVGO Pump		0.0	0.0	90.9	0	0	0.0	44.8	52.3	59.9	61.5	69.8	73.1	69.9	73.1	80.9	73.4	84.2	83.8	80.8	82.3	79.9	75.7	74.7	75.0	70.2	70.6	64.1	64.1	58.2
J90124 B - LVGO Pump		0.0	0.0	90.9	0	0	0.0	44.8	52.3	59.9	61.5	69.8	73.1	69.9	73.1	80.9	73.4	84.2	83.8	80.8	82.3	79.9	75.7	74.7	75.0	70.2	70.6	64.1	64.1	58.2
J90124 A - LVGO Pump		0.0	0.0	90.9	0	0	0.0	44.8	52.3	59.9	61.5	69.8	73.1	69.9	73.1	80.9	73.4	84.2	83.8	80.8	82.3	79.9	75.7	74.7	75.0	70.2	70.6	64.1	64.1	58.2
J90125 A - VGO Pump		0.0	0.0	90.9	0	0	0.0	44.8	52.3	59.9	61.5	69.8	73.1	69.9	73.1	80.9	73.4	84.2	83.8	80.8	82.3	79.9	75.7	74.7	75.0	70.2	70.6	64.1	64.1	58.2
J90136 B - Wash Oil Pump		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J90136 A - Wash Oil Pump		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J90121A/TV - Vacuum		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J90138 B - VGO Upgrader		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J90138 A - VGO Upgrader		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J90103 - UPGRADER		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J90105 - VGO UPGRADER		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J90137 B - LP Lean Amine		0.0	0.0	90.9	0	0	0.0	44.8	52.3	59.9	61.5	69.8	73.1	69.9	73.1	80.9	73.4	84.2	83.8	80.8	82.3	79.9	75.7	74.7	75.0	70.2	70.6	64.1	64.1	58.2

VALUTAZIONE PREVISIONALE IMPIANTO EST - SANNAZZARO DE BURGONDI

DATI ACUSTICI SORGENTI SONORE CONSIDERATE - SITUAZIONE FUTURA

Source	I or S	Li	R'w	Lw	Kl	K	Ko	50 Hz	63 Hz	80 Hz	100 Hz	125 Hz	160 Hz	200 Hz	250 Hz	315 Hz	400 Hz	500 Hz	630 Hz	800 Hz	1 kHz	1,25 kHz	1,6 kHz	2 kHz	2,5 kHz	3,15 kHz	4 kHz	5 kHz	6,3 kHz	8 kHz
J90137 A - LP Lean Amine		0.0	0.0	90.9	0	0	0.0	44.8	52.3	59.9	61.5	69.8	73.1	69.9	73.1	80.9	73.4	84.2	83.8	80.8	82.3	79.9	75.7	74.7	75.0	70.2	70.6	64.1	64.1	58.2
J90114 A - HP Lean Amine		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J90114 B - HP Lean Amine		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J90101/TV - Recycle Gas		0.0	0.0	99.7	0	0	0.0		55.9			64.2			73.0			77.3			89.1			98.9			88.4			74.4
J90141 A - VGO Stripper		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J90141 B - VGO Stripper		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J90140 A - VGO Stripper		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J90140 B - VGO Stripper		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J90139 A - VGO Stripper		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J90139 B - VGO Stripper		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J90135 B - Naphtha		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J90135 A - Naphtha		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J90127 A - Slop Oil Pump		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J90127 B - Slop Oil Pump		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J90128 A - Vacuum Hotwell		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J90128 B - Vacuum Hotwell		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J90120 A - Preflash Water		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J90120 B - Preflash Water		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J90117 A - Preflash Reflux		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J90188 B - Preflash Reflux		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J90118 A - Preflash		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J90118 B - Preflash		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J90113 B - Fresh Catalyst		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J90113 A - Fresh Catalyst		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J90113 C - Fresh Catalyst		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J9302 B - Amine		0.0	0.0	90.9	0	0	0.0	44.8	52.3	59.9	61.5	69.8	73.1	69.9	73.1	80.9	73.4	84.2	83.8	80.8	82.3	79.9	75.7	74.7	75.0	70.2	70.6	64.1	64.1	58.2
J9302 A - Amine		0.0	0.0	90.9	0	0	0.0	44.8	52.3	59.9	61.5	69.8	73.1	69.9	73.1	80.9	73.4	84.2	83.8	80.8	82.3	79.9	75.7	74.7	75.0	70.2	70.6	64.1	64.1	58.2
J9301 B - Amine		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J9301 A - Amine		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J9305 - Amine Sump Pump		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J9303 - Lean Amine Pump		0.0	0.0	90.9	0	0	0.0	44.8	52.3	59.9	61.5	69.8	73.1	69.9	73.1	80.9	73.4	84.2	83.8	80.8	82.3	79.9	75.7	74.7	75.0	70.2	70.6	64.1	64.1	58.2
J9204 B - Sour Water		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J9204 A - Sour Water		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J9203 B - Stripper Water		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J9203 A - Stripper Water		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J9201 A - Sour Water Feed		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J9201 B - Sour Water Feed		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J9202 A - Slop Oil Pump		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J9307 A - Amine		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2

VALUTAZIONE PREVISIONALE IMPIANTO EST - SANNAZZARO DE BURGONDI

DATI ACUSTICI SORGENTI SONORE CONSIDERATE - SITUAZIONE FUTURA

Source	I or S	Li	R'w	Lw	Kl	K	Ko	50 Hz	63 Hz	80 Hz	100 Hz	125 Hz	160 Hz	200 Hz	250 Hz	315 Hz	400 Hz	500 Hz	630 Hz	800 Hz	1 kHz	1,25 kHz	1,6 kHz	2 kHz	2,5 kHz	3,15 kHz	4 kHz	5 kHz	6,3 kHz	8 kHz
J9307 B - Amine		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J9306 A - Slop Oil Pump		0.0	0.0	90.9	0	0	0.0	44.8	52.3	59.9	61.5	69.8	73.1	69.9	73.1	80.9	73.4	84.2	83.8	80.8	82.3	79.9	75.7	74.7	75.0	70.2	70.6	64.1	64.1	58.2
J90184 A - HC Blowdown		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J90184 B - HC Blowdown		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J9308 - Reflux Pump		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J90183 A - Asphaltenes		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J90117 B - Preflash Reflux		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J90188 A - Preflash Reflux		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J9306 B - Slop Oil Pump		0.0	0.0	90.9	0	0	0.0	44.8	52.3	59.9	61.5	69.8	73.1	69.9	73.1	80.9	73.4	84.2	83.8	80.8	82.3	79.9	75.7	74.7	75.0	70.2	70.6	64.1	64.1	58.2
J9202 B - Slop Oil Pump		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J9207 A - Pump		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J9207 B - Pump		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J9206 A - Pump		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J9206 B - Pump		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J9205 A - Pump		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J9205 B - Pump		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J90193 A - Pump		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J90193 B - Pump		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J90194 A - Pump		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J90194 B - Pump		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J90191 - CLOSED DRAIN		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J90183 B - Asphaltenes		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J90183 C - Asphaltenes		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J90143 B - FRESH FEED		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J90143 A - FRESH FEED		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J8440 A -		0.0	0.0	90.9	0	0	0.0	44.8	52.3	59.9	61.5	69.8	73.1	69.9	73.1	80.9	73.4	84.2	83.8	80.8	82.3	79.9	75.7	74.7	75.0	70.2	70.6	64.1	64.1	58.2
J8440 B -		0.0	0.0	90.9	0	0	0.0	44.8	52.3	59.9	61.5	69.8	73.1	69.9	73.1	80.9	73.4	84.2	83.8	80.8	82.3	79.9	75.7	74.7	75.0	70.2	70.6	64.1	64.1	58.2
J90114 A - HP Lean Amine		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J90190 A -		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J90190 B -		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J90190 C -		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J9454 -		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J9451 A -		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J9451 B -		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J9452 A -		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J9452 B -		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J9453 A -		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J9453 B -		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J9402 A -		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2

VALUTAZIONE PREVISIONALE IMPIANTO EST - SANNAZZARO DE BURGONDI

DATI ACUSTICI SORGENTI SONORE CONSIDERATE - SITUAZIONE FUTURA

Source	I or S	Li	R'w	Lw	Kl	K	Ko	50 Hz	63 Hz	80 Hz	100 Hz	125 Hz	160 Hz	200 Hz	250 Hz	315 Hz	400 Hz	500 Hz	630 Hz	800 Hz	1 kHz	1,25 kHz	1,6 kHz	2 kHz	2,5 kHz	3,15 kHz	4 kHz	5 kHz	6,3 kHz	8 kHz
J9402 B -		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J9401 C -		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J9401 B -		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J9401 A -		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J9432 A -		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J9432 B -		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J9601 B - Pompa		0.0	0.0	88.5	0	0	0.0	54.8	55.8	55.5	54.9	56.2	56.6	58.7	65.1	68.2	71.8	75.9	77.6	80.8	81.1	78.6	79.0	78.2	77.4	74.7	72.6	68.6	64.0	56.4
J9601 A - Pompa		0.0	0.0	88.5	0	0	0.0	54.8	55.8	55.5	54.9	56.2	56.6	58.7	65.1	68.2	71.8	75.9	77.6	80.8	81.1	78.6	79.0	78.2	77.4	74.7	72.6	68.6	64.0	56.4
J4042 B -		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J4042 A -		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J4044 B -		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J4044 A -		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J9501 B -		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J9501 A -		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J9504 B -		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
PK9502 -		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J9514 A -		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J9513 B -		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J9513 A -		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J9508 A -		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J9508 B -		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J9511 -		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J9510 -		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J9503 B -		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J9503 A -		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J9502 A -		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J9502 B -		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J9502 C -		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J9505 A - Fan		0.0	0.0	85.2	0	0	0.0	61.2	60.8	62.3	62.9	63.7	65.3	69.2	73.4	77.1	74.6	75.7	77.3	76.6	74.3	71.7	69.6	67.5	65.5	63.7	66.2	68.2	62.0	54.3
J9505 B - Fan		0.0	0.0	85.2	0	0	0.0	61.2	60.8	62.3	62.9	63.7	65.3	69.2	73.4	77.1	74.6	75.7	77.3	76.6	74.3	71.7	69.6	67.5	65.5	63.7	66.2	68.2	62.0	54.3
J9506 A - Fan		0.0	0.0	85.2	0	0	0.0	61.2	60.8	62.3	62.9	63.7	65.3	69.2	73.4	77.1	74.6	75.7	77.3	76.6	74.3	71.7	69.6	67.5	65.5	63.7	66.2	68.2	62.0	54.3
J9506 B - Fan		0.0	0.0	85.2	0	0	0.0	61.2	60.8	62.3	62.9	63.7	65.3	69.2	73.4	77.1	74.6	75.7	77.3	76.6	74.3	71.7	69.6	67.5	65.5	63.7	66.2	68.2	62.0	54.3
J9507 -		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J90125 B - VGO Pump		0.0	0.0	90.9	0	0	0.0	44.8	52.3	59.9	61.5	69.8	73.1	69.9	73.1	80.9	73.4	84.2	83.8	80.8	82.3	79.9	75.7	74.7	75.0	70.2	70.6	64.1	64.1	58.2
J8440 D -		0.0	0.0	90.9	0	0	0.0	44.8	52.3	59.9	61.5	69.8	73.1	69.9	73.1	80.9	73.4	84.2	83.8	80.8	82.3	79.9	75.7	74.7	75.0	70.2	70.6	64.1	64.1	58.2
J8440 C -		0.0	0.0	90.9	0	0	0.0	44.8	52.3	59.9	61.5	69.8	73.1	69.9	73.1	80.9	73.4	84.2	83.8	80.8	82.3	79.9	75.7	74.7	75.0	70.2	70.6	64.1	64.1	58.2
J90195 A - COOLING		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J90195 B - COOLING		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J90185 A - AMINE SUMP		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2

VALUTAZIONE PREVISIONALE IMPIANTO EST - SANNAZZARO DE BURGONDI
DATI ACUSTICI SORGENTI SONORE CONSIDERATE - SITUAZIONE FUTURA

Source	I or S	Li	R'w	Lw	Kl	K	Ko	50 Hz	63 Hz	80 Hz	100 Hz	125 Hz	160 Hz	200 Hz	250 Hz	315 Hz	400 Hz	500 Hz	630 Hz	800 Hz	1 kHz	1,25 kHz	1,6 kHz	2 kHz	2,5 kHz	3,15 kHz	4 kHz	5 kHz	6,3 kHz	8 kHz
J90187 A - LIGHT CLOSED		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J90306 A - SLOP OIL PUMP		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J90307 A - INTERMITTENT		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J90307 B - INTERMITTENT		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J9601 C - Pompa		0.0	0.0	88.5	0	0	0.0	54.8	55.8	55.5	54.9	56.2	56.6	58.7	65.1	68.2	71.8	75.9	77.6	80.8	81.1	78.6	79.0	78.2	77.4	74.7	72.6	68.6	64.0	56.4
J9602 D - Pompa		0.0	0.0	88.5	0	0	0.0	54.8	55.8	55.5	54.9	56.2	56.6	58.7	65.1	68.2	71.8	75.9	77.6	80.8	81.1	78.6	79.0	78.2	77.4	74.7	72.6	68.6	64.0	56.4
J9432 C -		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J9434 A -		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J9434 B -		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J9433 D -		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J9433 C -		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J9433 B -		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J9433 A -		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J9411 A -		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J9411 B -		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J9421 A -		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J9421 B -		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J9431 A -		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J9431 B -		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J9602 C - Pompa		0.0	0.0	88.5	0	0	0.0	54.8	55.8	55.5	54.9	56.2	56.6	58.7	65.1	68.2	71.8	75.9	77.6	80.8	81.1	78.6	79.0	78.2	77.4	74.7	72.6	68.6	64.0	56.4
J9602 B - Pompa		0.0	0.0	88.5	0	0	0.0	54.8	55.8	55.5	54.9	56.2	56.6	58.7	65.1	68.2	71.8	75.9	77.6	80.8	81.1	78.6	79.0	78.2	77.4	74.7	72.6	68.6	64.0	56.4
J9602 A - Pompa		0.0	0.0	88.5	0	0	0.0	54.8	55.8	55.5	54.9	56.2	56.6	58.7	65.1	68.2	71.8	75.9	77.6	80.8	81.1	78.6	79.0	78.2	77.4	74.7	72.6	68.6	64.0	56.4
J9514 B -		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J9515 -		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2
J9504 A -		0.0	0.0	95.9	0	0	0.0	51.8	57.3	64.9	66.5	74.8	78.1	74.9	78.1	85.9	78.4	89.2	88.8	85.8	87.3	84.9	80.7	79.7	80.0	75.2	75.6	69.1	69.1	63.2