

Hazardous Event:	Evento 2) Rilascio di gas naturale da linea fuori terra in area Cluster
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1. Parts Count

Component	Parts Count					
	Size	Piping (m)	Flanges	Inject. point	Valves	Branches
3/4"	0	0	0	0	0	0
1"	0	0	0	0	0	0
2"	0	0	0	0	0	0
4"	200	52	0	40	30	
6"	30	14	0	10	12	
8"	5	1	0	1	2	
10"	0	0	0	0	0	
12"	0	0	0	0	0	
16"	0	0	0	0	0	
>16"	0	0	0	0	0	

Equipment Item	No	Description
Pressure Vessels	2	Separatori testa pozzo
Process Columns	0	
Chemical Reactors	0	
Filters	0	
Air Coolers	0	
Exchangers (tube side)	0	
Exchangers (shell side)	0	
Pumps	0	
Compressors	0	
Atmospheric Tanks	0	

2. Release Frequencies (Events/yr)

Item	Hole Sizes				All Sizes	% of Total Frequency
	1/4"	1"	4"	Full Bore		
Piping	6.34E-04	4.38E-04	0.00E+00	0.00E+00	1.07E-03	79.3
Pressure vessels	8.00E-05	2.00E-04	0.00E+00	0.00E+00	2.80E-04	20.7
Process Columns	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0
Reactors	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0
Filters	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0
Air Coolers	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0
Exchangers (tube side)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0
Exchangers (shell side)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0
Pumps	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0
Compressors	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0
Atmospheric Tanks	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0
Total	7.14E-04	6.38E-04	0.00E+00	0.00E+00	1.35E-03	100.0

Release frequency (events/yr)	1/4"	1"	4"	Full Bore
	7.14E-04	6.38E-04	0.00E+00	0.00E+00
	0.528097365	0.471902635	0	0

Total Release frequency (events/yr)	1/4" + 1"	4"+Full Bore
	1.35E-03	0.00E+00

Hazardous Event:	Evento 3) Rilascio da linea fuori terra in ingresso alla Centrale (Erogazione)
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1. Parts Count

Component	Parts Count					
	Size	Piping (m)	Flanges	Inject. point	Valves	Branches
3/4"	0	0	0	0	0	0
1"	0	0	0	0	0	0
2"	0	0	0	0	0	0
4"	0	0	0	0	0	0
6"	20	11	0	5	9	
8"	10	3	0	3	5	
10"	0	0	0	0	0	
12"	0	0	0	0	0	
16"	0	0	0	0	0	
>16"	0	0	0	0	0	

Equipment Item	No	Description
Pressure Vessels	0	
Process Columns	0	
Chemical Reactors	0	
Filters	0	
Air Coolers	0	
Exchangers (tube side)	0	
Exchangers (shell side)	0	
Pumps	0	
Compressors	0	
Atmospheric Tanks	0	

2. Release Frequencies (Events/yr)

Item	Hole Sizes				All Sizes	% of Total Frequency
	1/4"	1"	4"	Full Bore		
Piping	3.60E-05	3.60E-05	2.62E-06	5.90E-06	8.06E-05	100.0
Pressure vessels	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0
Process Columns	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0
Reactors	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0
Filters	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0
Air Coolers	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0
Exchangers (tube side)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0
Exchangers (shell side)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0
Pumps	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0
Compressors	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0
Atmospheric Tanks	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0
Total	3.60E-05	3.60E-05	2.62E-06	5.90E-06	8.06E-05	100.0

Release frequency (events/yr)	1/4"	1"	4"	Full Bore
	3.60E-05	3.60E-05	2.62E-06	5.90E-06
	0.447168594	0.447168594	0.032507817	0.073154995

Total Release frequency (events/yr)	1/4" + 1"	4"+Full Bore
	7.21E-05	8.52E-06

Hazardous Event:	Evento 3) Rilascio da linea fuori terra in ingresso alla Centrale (Iniezione)
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1. Parts Count

Component Size	Parts Count				
	Piping (m)	Flanges	Inject. point	Valves	Branches
3/4"	0	0	0	0	0
1"	0	0	0	0	0
2"	0	0	0	0	0
4"	0	0	0	0	0
6"	20	11	0	5	9
8"	10	3	0	3	5
10"	0	0	0	0	0
12"	0	0	0	0	0
16"	0	0	0	0	0
>16"	0	0	0	0	0

Equipment Item	No	Description
Pressure Vessels	0	
Process Columns	0	
Chemical Reactors	0	
Filters	0	
Air Coolers	0	
Exchangers (tube side)	0	
Exchangers (shell side)	0	
Pumps	0	
Compressors	0	
Atmospheric Tanks	0	

2. Release Frequencies (Events/yr)

Item	Hole Sizes				All Sizes	% of Total Frequency
	1/4"	1"	4"	Full Bore		
Piping	3.60E-05	3.60E-05	2.62E-06	5.90E-06	8.06E-05	100.0
Pressure vessels	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0
Process Columns	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0
Reactors	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0
Filters	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0
Air Coolers	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0
Exchangers (tube side)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0
Exchangers (shell side)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0
Pumps	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0
Compressors	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0
Atmospheric Tanks	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0
Total	3.60E-05	3.60E-05	2.62E-06	5.90E-06	8.06E-05	100.0

Release frequency (events/yr)	1/4"	1"	4"	Full Bore
	3.60E-05	3.60E-05	2.62E-06	5.90E-06
	0.447168594	0.447168594	0.032507817	0.073154995

Total Release frequency (events/yr)	1/4" + 1"	4"+Full Bore
	7.21E-05	8.52E-06

Hazardous Event:	Evento 4) Rilascio dalla sezione di separazione/riscaldamento
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1. Parts Count

Component	Parts Count					
	Size	Piping (m)	Flanges	Inject. point	Valves	Branches
3/4"	0	0	0	0	0	0
1"	0	0	0	0	0	0
2"	0	0	0	0	0	0
4"	30	14	0	6	8	
6"	110	15	0	6	14	
8"	0	0	0	0	0	
10"	0	0	0	0	0	
12"	0	0	0	0	0	
16"	0	0	0	0	0	
>16"	0	0	0	0	0	

Equipment Item	No	Description
Pressure Vessels	0	
Process Columns	0	
Chemical Reactors	0	
Filters	0	
Air Coolers	0	
Exchangers (tube side)	2	Riscaldatori RG1-FG-001 e RG2-FG-001
Exchangers (shell side)	0	
Pumps	0	
Compressors	0	
Atmospheric Tanks	0	

2. Release Frequencies (Events/yr)

Item	Hole Sizes				All Sizes	% of Total Frequency
	1/4"	1"	4"	Full Bore		
Piping	2.33E-04	2.03E-04	0.00E+00	3.57E-05	4.72E-04	60.2
Pressure vessels	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0
Process Columns	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0
Reactors	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0
Filters	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0
Air Coolers	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0
Exchangers (tube side)	8.00E-05	2.00E-04	2.00E-05	1.20E-05	3.12E-04	39.8
Exchangers (shell side)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0
Pumps	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0
Compressors	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0
Atmospheric Tanks	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0
Total	3.13E-04	4.03E-04	2.00E-05	4.77E-05	7.84E-04	100.0

Release frequency (events/yr)	1/4"	1"	4"	Full Bore
	3.13E-04	4.03E-04	2.00E-05	4.77E-05
	0.398968756	0.514600776	0.025525832	0.060904635

Total Release frequency (events/yr)	1/4" + 1"	4"+Full Bore
	7.16E-04	6.77E-05

Hazardous Event:	Evento 5) Rilascio da aspirazione compressori (Erogazione)
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1. Parts Count

Component	Parts Count					
	Size	Piping (m)	Flanges	Inject. point	Valves	Branches
3/4"	0	0	0	0	0	0
1"	0	0	0	0	0	0
2"	0	0	0	0	0	0
4"	0	0	0	0	0	0
6"	130	7	0	4	4	4
8"	0	0	0	0	0	0
10"	0	0	0	0	0	0
12"	0	0	0	0	0	0
16"	0	0	0	0	0	0
>16"	0	0	0	0	0	0

Equipment Item	No	Description
Pressure Vessels	0	
Process Columns	0	
Chemical Reactors	0	
Filters	0	
Air Coolers	0	
Exchangers (tube side)	0	
Exchangers (shell side)	0	
Pumps	0	
Compressors	0	
Atmospheric Tanks	0	

2. Release Frequencies (Events/yr)

Item	Hole Sizes				All Sizes	% of Total Frequency
	1/4"	1"	4"	Full Bore		
Piping	8.52E-05	8.52E-05	0.00E+00	1.70E-05	1.87E-04	100.0
Pressure vessels	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0
Process Columns	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0
Reactors	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0
Filters	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0
Air Coolers	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0
Exchangers (tube side)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0
Exchangers (shell side)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0
Pumps	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0
Compressors	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0
Atmospheric Tanks	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0
Total	8.52E-05	8.52E-05	0.00E+00	1.70E-05	1.87E-04	100.0

Release frequency (events/yr)	1/4"	1"	4"	Full Bore
	8.52E-05	8.52E-05	0.00E+00	1.70E-05
	0.454545455	0.454545455	0	0.090909091

Total Release frequency (events/yr)	1/4" + 1"	4"+Full Bore
	1.70E-04	1.70E-05

Hazardous Event:	Evento 5) Rilascio da aspirazione compressori (Iniezione)
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1. Parts Count

Component	Parts Count					
	Size	Piping (m)	Flanges	Inject. point	Valves	Branches
3/4"	0	0	0	0	0	0
1"	0	0	0	0	0	0
2"	0	0	0	0	0	0
4"	0	0	0	0	0	0
6"	130	7	0	4	4	4
8"	0	0	0	0	0	0
10"	0	0	0	0	0	0
12"	0	0	0	0	0	0
16"	0	0	0	0	0	0
>16"	0	0	0	0	0	0

Equipment Item	No	Description
Pressure Vessels	0	
Process Columns	0	
Chemical Reactors	0	
Filters	0	
Air Coolers	0	
Exchangers (tube side)	0	
Exchangers (shell side)	0	
Pumps	0	
Compressors	0	
Atmospheric Tanks	0	

2. Release Frequencies (Events/yr)

Item	Hole Sizes				All Sizes	% of Total Frequency
	1/4"	1"	4"	Full Bore		
Piping	8.52E-05	8.52E-05	0.00E+00	1.70E-05	1.87E-04	100.0
Pressure vessels	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0
Process Columns	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0
Reactors	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0
Filters	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0
Air Coolers	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0
Exchangers (tube side)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0
Exchangers (shell side)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0
Pumps	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0
Compressors	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0
Atmospheric Tanks	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0
Total	8.52E-05	8.52E-05	0.00E+00	1.70E-05	1.87E-04	100.0

Release frequency (events/yr)	1/4"	1"	4"	Full Bore
	8.52E-05	8.52E-05	0.00E+00	1.70E-05
	0.454545455	0.454545455	0	0.090909091

Total Release frequency (events/yr)	1/4" + 1"	4"+Full Bore
	1.70E-04	1.70E-05

Hazardous Event:	Evento 6) Rilascio da mandata compressori (Erogazione)
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1. Parts Count

Component	Parts Count					
	Size	Piping (m)	Flanges	Inject. point	Valves	Branches
3/4"	0	0	0	0	0	0
1"	0	0	0	0	0	0
2"	0	0	0	0	0	0
4"	0	0	0	0	0	0
6"	80	5	0	4	4	4
8"	0	0	0	0	0	0
10"	0	0	0	0	0	0
12"	0	0	0	0	0	0
16"	0	0	0	0	0	0
>16"	0	0	0	0	0	0

Equipment Item	No	Description
Pressure Vessels	0	
Process Columns	0	
Chemical Reactors	0	
Filters	0	
Air Coolers	0	
Exchangers (tube side)	0	
Exchangers (shell side)	0	
Pumps	0	
Compressors	0	
Atmospheric Tanks	0	

2. Release Frequencies (Events/yr)

Item	Hole Sizes				All Sizes	% of Total Frequency
	1/4"	1"	4"	Full Bore		
Piping	5.24E-05	5.24E-05	0.00E+00	1.05E-05	1.15E-04	100.0
Pressure vessels	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0
Process Columns	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0
Reactors	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0
Filters	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0
Air Coolers	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0
Exchangers (tube side)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0
Exchangers (shell side)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0
Pumps	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0
Compressors	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0
Atmospheric Tanks	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0
Total	5.24E-05	5.24E-05	0.00E+00	1.05E-05	1.15E-04	100.0

Release frequency (events/yr)	1/4"	1"	4"	Full Bore
	5.24E-05	5.24E-05	0.00E+00	1.05E-05
	0.454545455	0.454545455	0	0.090909091

Total Release frequency (events/yr)	1/4" + 1"	4"+Full Bore
	1.05E-04	1.05E-05

Hazardous Event:	Evento 6) Rilascio da mandata compressori (Iniezione)
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1. Parts Count

Component	Parts Count					
	Size	Piping (m)	Flanges	Inject. point	Valves	Branches
3/4"	0	0	0	0	0	0
1"	0	0	0	0	0	0
2"	0	0	0	0	0	0
4"	0	0	0	0	0	0
6"	80	5	0	4	4	4
8"	0	0	0	0	0	0
10"	0	0	0	0	0	0
12"	0	0	0	0	0	0
16"	0	0	0	0	0	0
>16"	0	0	0	0	0	0

Equipment Item	No	Description
Pressure Vessels	0	
Process Columns	0	
Chemical Reactors	0	
Filters	0	
Air Coolers	0	
Exchangers (tube side)	0	
Exchangers (shell side)	0	
Pumps	0	
Compressors	0	
Atmospheric Tanks	0	

2. Release Frequencies (Events/yr)

Item	Hole Sizes				All Sizes	% of Total Frequency
	1/4"	1"	4"	Full Bore		
Piping	5.24E-05	5.24E-05	0.00E+00	1.05E-05	1.15E-04	100.0
Pressure vessels	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0
Process Columns	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0
Reactors	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0
Filters	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0
Air Coolers	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0
Exchangers (tube side)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0
Exchangers (shell side)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0
Pumps	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0
Compressors	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0
Atmospheric Tanks	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0
Total	5.24E-05	5.24E-05	0.00E+00	1.05E-05	1.15E-04	100.0

Release frequency (events/yr)	1/4"	1"	4"	Full Bore
	5.24E-05	5.24E-05	0.00E+00	1.05E-05
	0.454545455	0.454545455	0	0.090909091

Total Release frequency (events/yr)	1/4" + 1"	4"+Full Bore
	1.05E-04	1.05E-05

Hazardous Event:	Evento 7) Rilascio da sezione disidratazione
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1. Parts Count

Component	Parts Count					
	Size	Piping (m)	Flanges	Inject. point	Valves	Branches
3/4"	0	0	0	0	0	0
1"	0	0	0	0	0	0
2"	0	0	0	0	0	0
4"	0	0	0	0	0	0
6"	70	34	0	15	28	
8"	0	0	0	0	0	0
10"	0	0	0	0	0	0
12"	0	0	0	0	0	0
16"	0	0	0	0	0	0
>16"	0	0	0	0	0	0

Equipment Item	No	Description
Pressure Vessels	2	Filtri TEG-F-001 e TEG-F-002
Process Columns	1	Colonna di disidratazione TEG-CD-001
Chemical Reactors	0	
Filters	0	
Air Coolers	0	
Exchangers (tube side)	0	
Exchangers (shell side)	0	
Pumps	0	
Compressors	0	
Atmospheric Tanks	0	

2. Release Frequencies (Events/yr)

Item	Hole Sizes				All Sizes	% of Total Frequency
	1/4"	1"	4"	Full Bore		
Piping	9.17E-05	9.17E-05	0.00E+00	1.83E-05	2.02E-04	24.6
Pressure vessels	8.00E-05	2.00E-04	2.00E-05	1.20E-05	3.12E-04	38.1
Process Columns	8.00E-05	2.00E-04	2.00E-05	6.00E-06	3.06E-04	37.3
Reactors	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0
Filters	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0
Air Coolers	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0
Exchangers (tube side)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0
Exchangers (shell side)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0
Pumps	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0
Compressors	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0
Atmospheric Tanks	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0
Total	2.52E-04	4.92E-04	4.00E-05	3.63E-05	8.20E-04	100.0

Release frequency (events/yr)	1/4"	1"	4"	Full Bore
	2.52E-04	4.92E-04	4.00E-05	3.63E-05
	0.307048576	0.599824335	0.04879596	0.044331129

Total Release frequency (events/yr)	1/4" + 1"	4"+Full Bore
	7.43E-04	7.63E-05

Hazardous Event:	Evento 8) Rilascio da linea verso rete SGI (Erogazione)
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1. Parts Count

Component	Parts Count					
	Size	Piping (m)	Flanges	Inject. point	Valves	Branches
3/4"	0	0	0	0	0	0
1"	0	0	0	0	0	0
2"	0	0	0	0	0	0
4"	0	0	0	0	0	0
6"	125	18	0	17	35	
8"	0	0	0	0	0	0
10"	0	0	0	0	0	0
12"	0	0	0	0	0	0
16"	0	0	0	0	0	0
>16"	0	0	0	0	0	0

Equipment Item	No	Description
Pressure Vessels	0	
Process Columns	0	
Chemical Reactors	0	
Filters	0	
Air Coolers	0	
Exchangers (tube side)	0	
Exchangers (shell side)	0	
Pumps	0	
Compressors	0	
Atmospheric Tanks	0	

2. Release Frequencies (Events/yr)

Item	Hole Sizes				All Sizes	% of Total Frequency
	1/4"	1"	4"	Full Bore		
Piping	1.64E-04	1.64E-04	0.00E+00	3.28E-05	3.60E-04	100.0
Pressure vessels	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0
Process Columns	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0
Reactors	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0
Filters	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0
Air Coolers	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0
Exchangers (tube side)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0
Exchangers (shell side)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0
Pumps	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0
Compressors	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0
Atmospheric Tanks	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0
Total	1.64E-04	1.64E-04	0.00E+00	3.28E-05	3.60E-04	100.0

Release frequency (events/yr)	1/4"	1"	4"	Full Bore
	1.64E-04	1.64E-04	0.00E+00	3.28E-05
	0.454545455	0.454545455	0	0.090909091

Total Release frequency (events/yr)	1/4" + 1"	4"+Full Bore
	3.28E-04	3.28E-05

Hazardous Event:	Evento 8) Rilascio da linea verso rete SGI (Iniezione)
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1. Parts Count

Component	Parts Count					
	Size	Piping (m)	Flanges	Inject. point	Valves	Branches
3/4"	0	0	0	0	0	0
1"	0	0	0	0	0	0
2"	0	0	0	0	0	0
4"	0	0	0	0	0	0
6"	125	18	0	17	35	
8"	0	0	0	0	0	0
10"	0	0	0	0	0	0
12"	0	0	0	0	0	0
16"	0	0	0	0	0	0
>16"	0	0	0	0	0	0

Equipment Item	No	Description
Pressure Vessels	0	
Process Columns	0	
Chemical Reactors	0	
Filters	0	
Air Coolers	0	
Exchangers (tube side)	0	
Exchangers (shell side)	0	
Pumps	0	
Compressors	0	
Atmospheric Tanks	0	

2. Release Frequencies (Events/yr)

Item	Hole Sizes				All Sizes	% of Total Frequency
	1/4"	1"	4"	Full Bore		
Piping	1.64E-04	1.64E-04	0.00E+00	3.28E-05	3.60E-04	100.0
Pressure vessels	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0
Process Columns	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0
Reactors	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0
Filters	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0
Air Coolers	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0
Exchangers (tube side)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0
Exchangers (shell side)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0
Pumps	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0
Compressors	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0
Atmospheric Tanks	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0
Total	1.64E-04	1.64E-04	0.00E+00	3.28E-05	3.60E-04	100.0

Release frequency (events/yr)	1/4"	1"	4"	Full Bore
	1.64E-04	1.64E-04	0.00E+00	3.28E-05
	0.454545455	0.454545455	0	0.090909091

Total Release frequency (events/yr)	1/4" + 1"	4"+Full Bore
	3.28E-04	3.28E-05