



GENERAL NOTES:

- NOTES:**
- 1- FUEL GAS CONNECTIONS FOR FLARE HEADERS PURGE.
 - 2- FLARE HEADER OF PRODUCED WATER TREATMENT AREA.
 - 3- MAXIMUM OPERATING PRESSURE.
 - 4- TEMPERATURE OPERATING RANGE: -102°C / 165°C.
 - 5- ASPHALTENE SOLVENT SPARE INJECTION POINT.
 - 6- PUNTO DI INIEZIONE DI RISERVA PER IL SOLVENTE DELL'ASFALTENE.
 - 6- PUMPS MODE OF OPERATION : 2 x 100%
START AT HIGH LEVEL AND STOP AT LOW LEVEL.
 - 6- MODALITÀ DI FUNZIONAMENTO DELLE POMPE: 2 x 100%
SI ATTIVA AL RAGGIUNGIMENTO DELL'ALTO LIVELLO E SI FERMA AL BASSO LIVELLO
 - 7- FLOW METER IS A NON INTRUSIVE TYPE.
 - 7- IL FLUSSIMETRO È DI TIPO NON INTRUSIVO
 - 8- OXYGEN ANALYZER.
 - 8- ANALIZZATORE DI OSSIGENO
 - 9- HIGH HIGH PRESSURE OPENS FOV TO ELEVATED FLARE/EGF AND SHUT-DOWN FGRS PACKAGE.
 - 9- L'ALTISSIMA PRESSIONE APRE LA FOV VERSO LA (RISPETTIVA) TORCIA ELEVATA/EGF E SPERONE IL PACKAGE FGRS
 - 10- HIGH HIGH OXYGEN CONCENTRATION ON FLARE HEADER OPENS FOV TO ELEVATED FLARE AND SHUT-DOWN FGRS PACKAGE.
 - 10- L'ALTISSIMA CONCENTRAZIONE DI OSSIGENO SUL COLLETTORE DI TORCIA APRE LA FOV VERSO LA TORCIA ELEVATA E SPERONE IL PACKAGE FGRS
 - 11- HIGH HIGH PRESSURE OPENS FOV TO EGF AND CLOSES RELATIVE ESDV TO FGRS PACKAGE.
 - 11- L'ALTISSIMA PRESSIONE APRE LA FOV VERSO L'EGF E CHIUDE LA RELATIVA ESDV AL PACKAGE FGRS
 - 12- VERY HIGH PRESSURE OPENS FOV TO ELEVATED FLARE AND CLOSES RELATIVE FOV TO EGF.
 - 12- L'ALTISSIMA PRESSIONE APRE LA FOV ALLA TORCIA ELEVATA E CHIUDE LA RELATIVA FOV ALL'EGF
 - 13- PRESSURE TRANSMITTERS TO BE INSTALLED ON EXISTING REMOVABLE SPOOL.
 - 13- TRASMETTITORI DI PRESSIONE DA INSTALLARE SULLO SPOOL REMOVABLE ESISTENTE
 - 14- ALL SIF RELATED TO EACH FOV SHALL BE SIL 3 CERTIFIED.
 - 14- TUTTE LE SIF RELATIVE A CIASCUNA FOV DEVONO ESSERE CERTIFICATE SIL 3
 - 15- NEW INSTRUMENT WILL BE INSTALLED.
 - 15- NUOVI STRUMENTI SARANNO INSTALLATI
 - 16- INTRUSIVE ULTRASONIC TYPE.
 - 16- DI TIPO INTRUSIVO AD ULTRASUONI

HOLD:

1- DELETED 06

LEGEND:

- STREAM NUMBER.
- TEMPERATURE, °C
- PRESSURE, barg
- DUTY, kw.
- MASS FLOW, kg/h.
- LOW PRESSURE FUEL GAS (TO USERS)
- HIGH PRESSURE WET FLARE
- HIGH PRESSURE COLD FLARE
- LOW PRESSURE ACID FLARE
- INSTRUMENT AIR
- LOW PRESSURE STEAM
- LOW PRESSURE STEAM CONDENSATES
- NITROGEN GAS
- ASPHALTENE SOLVENT

Rev	Date	Status	Revision Memo	Issued by	Checked by	Approved by
06	17-May-2022	AFC	Issued for Construction	F. Valentini	G.Giordano	D.Cuscunà
05	01-Sep-2014	AFC	COMPANY COMMENTS INCORPORATED	M.Grazioli	A.Brambilla	A.Trentin
04	19-Sep-2013	AFC	COMPANY COMMENTS INCORPORATED	J. Pathan	A. Brambilla	A. Trentin
03	10-Apr-2013	IFA	COMPANY COMMENTS INCORPORATED	J. Pathan	A. Brambilla	A. Trentin
02	12-Feb-2013	IFC	COMPANY COMMENTS INCORPORATED	J. Pathan	A. Brambilla	A. Trentin
01	30-Nov-2012	IFC	COMPANY COMMENTS INCORPORATED	J. Pathan	A. Brambilla	A. Trentin
00	10-Aug-2012	IFC	FIRST ISSUE	J. Pathan	A. Brambilla	A. Trentin



This Document is the property of TOTAL and shall not be disclosed to third parties or reproduced without permission of the owner. This document has been generated by an Electronic Document Management System. When printed it is considered as a for information only copy. The controlled copy is the screen version and it is the holder's responsibility that he/she holds the latest valid version.

**PROCESS FLOW DIAGRAM FOR UNIT 49
HP WET, HP COLD AND LP/ACID FLARE SYSTEM**

Doc type: PFD	Syst. / S-Syst.: 49	Discipline: PRO	Electronic Filename: IT-TPR-30-EPC1-162330_rev06.dwg
COMPANY Document N°	IT - TPR - 30 - EPC1 - 162330	REV: 06	Scale: NONE Class: 1
CONTRACTOR Document N°	TR01-VZ-DP-T30000004901	Format: A1	Folio: 1 of 2

This document is the property of TOTAL. Information contained herein shall not be used, copied, communicated or disclosed in whole or in part WITHOUT PRIOR WRITTEN AGREEMENT.