

EPCCOM FOR GAS PROCESSING PLANT



REV.: C **DETAIL DESIGN** DOC. NO.:HFY-3800-1600-VED-165-QC-PD-0004

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HFY-CON/F&C0940-0964

VENDOR NAME: LESER GMBH & Co. KG

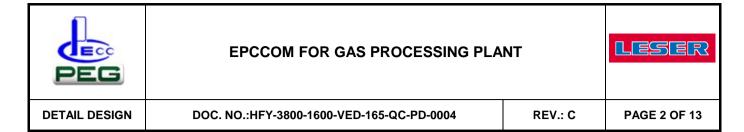
PO NO: IQP-3020-IN-165

PO TITLE: Supply of PSV and TSV

SSC Procedures for PSV & TSV

Approval Code	✓ Here	Remarks		
Code A	V	Approved.		
Code B		Revise & resubmit. Work may proceed subject to the incorporation of changes indicated.		
Code C		Rejected. To be revised & resubmitted. Work may not proceed.		
Code D		Reference and information only.		
An Jiangwei		du Jimywai	9 June,2021	
Approval Authority		Signature	Date	

			HerberJ	Menele	7- like	Lame
С	ISSUED FOR INFORMATION	D FOR INFORMATION 18 May 2021		Angela Ulrich	Jörn Lubosch	Dirk Heine
В	ISSUED FOR INFORMATION	08 April 2021	Julia Herber	Angela Ulrich	Jörn Lubosch	Dirk Heine
А	ISSUED FOR INFORMATION	08 March 2021	Julia Herber	Angela Ulrich	Jörn Lubosch	Dirk Heine
REV.	DESCRIPTION	DATE	PREP'D	CHK'D	REV'D	APP'D



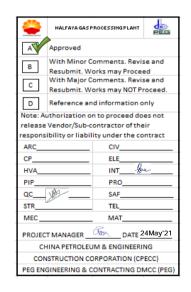
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CPECC QAQC:
Approval Subject to closure of
PMC comments in CRS.

			HerberJ	Ulnele	7- like	Jame
С	ISSUED FOR INFORMATION 18 May 2021		Julia Herber	Angela Ulrich	Jörn Lubosch	Dirk Heine
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SSC Procedures for PSV & TSV



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REV.: C

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REVISION DESCRIPTION SHEET

Rev.	Pages	Para.	Reason for Revision
Α			ISSUED FOR INFORMATION
В	4-6;8-10	Fill the details	ISSUED FOR INFORMATION
С	5,9,10		ISSUED FOR INFORMATION
		-	
Hold No.	Page	Para	Reason to Hold



Quality Control Procedure

NACE TM0177-2016

Laboratory Testing of Metals for Resistance Sulfide Stress Cracking in H2S Environments.

As per ASTM G39 - (Four Point Bend Specimen) & ANSI/NACE TM0177-2016

Client: M/s Anugraha Valve Castings Limited
Project Specific Addendum Sheet

Job Description:

PEG PO No.: PE19518-033 Project PO No.: IQP-3020-IN-165 Scope: Supply of PSV & TSV

PROJECT: EPCCOM FOR GAS PROCESSING PLANT

COMPANY: Petro China International Iraq FZE Iraq Branch

EPC CONTRACTOR: China Petroleum Engineering & Construction Corporation (CPECC)

SUB CONTRACTOR: PEG Engineering & Contracting DMCC

Reference Documents for compliance:

Purchase Order

HFY-3800-1600-VED-165-INT-DST-0001 Equipment & Instrument Data Sheet(s) For PSV & TSV

HFY-3800-1600-VED-165-INT-DWG-0001 General Arrangement Cross Sectional Drawings & complete Bill of Material For PSV & TSV

HFY-3800-1600-INT-MR-0007 $_$ MATERIAL REQUISITION FOR PSV & TSV

HFY-3800-1600-INT-DST-0025 Data sheet for PSV/TSV

HFY-3800-0000-PIP-DST-0003 Datasheet for Globe Valves

HFY-3800-0000-PIP-SPC-0004 Specification for Piping Materials

HFY-3800-0000-MAT-SPC-0006 Specification for Valve material in Sour Service

HFY-3800-0000-PIP-SPC-0005 Specification for valves

HFY-3800-0000-QC-PD-0008 Control of non -conforming product

NACE MR-0175/ ISO 15156

NACE TM 0177 (Test method - Laboratory testing of metals for resistance to Sulfide Stress Cracking in H2S Environments).

 $\hbox{\# ASTM-G39 (Preparation and use of Bent-Beam Stress-Corrosion test specimens)}.$



Location: Navi Mumbai, India

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Filename: WORK INSTRUCTION SSCC
TESTING.doc

Standard Test Method

Laboratory Testing of Metals for Resistance Sulfide Stress Cracking in H2S Environments.



Procedure Scope:

This document describes the test procedure and acceptance criteria of material testing for SSC resistance (carbon steel and low alloy steel used in sour service) for PSV & TSV under the PO IQP-3020-IN-165 for CPECC Gas Processing Plant Halfaya. This test is applicable for the raw material used for pressure containing, tensile stressed and wet components such as body, bonnet and trims such as stem. Lab's standard test procedure Work Instruction No.QCP-TCR-02 is attached herewith for testing details.

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