

PVOIL NEW PUMPS Project Nghì Son, Viet Nam Contractor	 Nghì Son Refinery and Petrochemical Limited Liability Company	Owner Doc. No	
		Contractor Doc. No. S-154-1373-0002PV	
		Rev. 0	Page 1 of 2
Business Cooperation Agreement:PVOIL....		Date:	22-Mar-24

Datasheet For Vapor Leak Gas Detector (For Unit 154)

Unit No.: 154
Unit Abbreviation.: -
Document Class: X

Issue Purpose	For Construction
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Rev	Date	Page	Description	Prep'd	Chk'd	App'd
0	22-Mar-24	ALL	FOR CONSTRUCTION	N.T.Q	L.V.D	L.V.D
B	29-Feb-24	ALL	FOR APPROVAL	N.T.Q	L.V.D	L.V.D
A	29-Jan-24	ALL	FOR REVIEW	N.T.Q	L.V.D	L.V.D

Operation Centre JOB Code:		Operation Centre Doc. No.:	
Responsible Company PTSC TH-Tam Minh-IAC	Prepared by Nguyen Tan Quang	Checked by Le Van Dung	Approved by Le Van Dung



1	GENERAL	Tag Number			See Index				
2		Service			See Index				
3		Design Pressure	kPa	Min.	Max.	80	120		
4		Design Temp.	°C	Min.	Max.	0	60		
5		Elec.Haz.Area Class. STD/Zone/Method/Gr./Temp.				ATEX	Zone 2	EEx d	Group IIC
6	TRANSMITTER	Detector Type			Pellistor Type Petrol Vapours Detector				
7		Measuring Method			Pellistor				
8		Meter Range		Min.	Max.	% LEL	0	100	
9		Accuracy			+/-	1	% of Full Scale		
10		Materia Housing			316 SS				
11		Ingress Protection			IP 66/67				
12		Output Signal			4-20mA HART				
13		Power Supply			24V DC				
14		Electrical Connection			M20x1.5 ISO				
15		Process Connection			N/A				
16	Time of response			T90 < 60 s ; T50 < 20 s					
17									
18									
19	OPTIONS	Mounting Brackets			Req"d				
20		Burnout Direction	Surge Protection		Down Scale		Req"d		
21		Certified			Safety Integrity Level 3 (SIL 3)				
22									
23									
24	MISCELLANEOUS	Manufacturer			VTA				
25		Model			VTA				
26		Requisition No.			VTA				

INDEX

No.	Tag Number	Service	No.	Tag Number	Service
1	154-VLGD-0011A	P-154-0011C			
2	154-VLGD-0011B	P-154-0011C			
3	154-VLGD-0012A	P-154-0012C			
4	154-VLGD-0012B	P-154-0012C			
5					
6					
7					

NOTES:

- 1) (VTA) - Vendor to advise, TBA - To be advise , N/A - Not Applicable
- 2) Instrument shall be supplied with permanently attached 316SS Tag, metal stamped with P.O.No. and Tag No.
- 3) VLGD - Vapor Leak Gas Detector