



PETROCHEMICAL INDUSTRIES
DESIGN & ENGINEERING CO.
PROJ. NO. : 1182

mg engineering
Lurgi

PROJ.NO:
1.69690-10-GEM

2nd ZAGROS MEGAMETHANOL PROJECT

SCOPE OF INSPECTION



OWNER :
ZAGROS PETROCHEMICAL
COMPANY (ZPC)
PROJ. NO. : 232000

REQUISITION FOR :

FLARE CONTROL VALVE

ALWAYS REFER TO THIS

REQUISITION NO.

P-1182-REQ-IN-649

REV.

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INQUIRY ☐

PURCHASE ORDER ☒

SHEET 1 OF 1

INSPECTION EXTENT: ☐ PRE - INSPECTION MEETING
☐ IN - PROCESS INSPECTION
☒ FINAL INSPECTION

REV.	DESCRIPTION OF INSPECTION POINTS	HP	WP	RI	RD
	1. MATERIALS (MARKING AND TEST CERTIFICATES)				√
	2. HYDROTESTING FOR BODIES CLASS 300# AND LARGER				√
	3. WIRING AND CONDUIT INSTALLATION (EX. PROOF EXECUTION IF REQ'D)			√	
	4. FUNCTIONAL TEST		√		
	5. SETTING, CALIBRATION OF INSTRUMENTS AND CONTROLS				√
	6. ANCILLARY TEST (GLAND, CABLES, THERMOMETERS, ETC.)			√	
	7. FINAL VISUAL AND DIMENSIONAL INSPECTION			√	
	8. NAMEPLATE, TAGGING, MARKING, COLOR CODING			√	
	9. PREPARATION FOR SHIPMENT			√	
	10. DOCUMENTATION REVIEW PRIOR TO RELEASE				√
	11. SEAT LEAKAGE TEST ONLY FOR CLASS V AND VI				√
	12. DIAPHRAGM CASING TEST				√
	13. HYSTERESIS TEST ONLY FOR GLOBE VALVE, ANGLE, THREE WAY VALVE				√

APPROX. 100 % OF THE MATERIAL WILL BE INSPECTED. THIS PERCENTAGE WILL BE INCREASED IN CASE DEFICIENCIES ARE FOUND, OR DOUBTS ABOUT QUALITY ARISE.

HP : HOLD POINT
WP : WITNESS POINT
RI : RANDOM INSPECTION
RD : REVIEW DOCUMENTATION

NOTES :

- 1-Ancillary test: The ancillary test is a test for checking if the components are well connected.
- 2-Documentation review prior to release : This is a review point independent of the release of the equipment.
- 3-Diaphragm casing test: This is for air leakage from piston case or diaphragm case of valve.
- 4-Hysteresis test only for globe valve, angle valve, three way valve, not applicable for Mokveld Axial flow Valve.