



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 :

ON/OFF VALVES

ALWAYS REFER TO THIS NO.

1182-P-REQ-IN-605

1

REQUISITION NO.

REV.

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

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

NOTES :