



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 :

## CONTROL VALVES

ALWAYS REFER TO THIS

REQUISITION NO.

1182-P-REQ-IN-644

REV.

1

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 :