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**INSPECTION RELEASE NOTE**

IRN No.	IND-0009603/AHD/HKE/PM/16/001	Date: 22 <sup>nd</sup> Oct 2016			
<b>1.0. TÜV SÜD CLIENT DATA</b>					
Customer Name	M/s H K Enterprise				
Contract No. (Client to TÜV SÜD)	HKE/TPI/9603				
Project Name / No.	IOCL Panipat Refinery				
Contact Person of Customer	Mr. Z A P Bukhari				
TÜV SÜD Coordinator	Mr. Jaimin Bhatt				
<b>2.0. SUPPLIER/ SUBSUPPLIER DETAIL</b>					
Name	M/s H K Enterprise				
Location	16 Rajdeep Industrial Estate, Nr. Bibi Talav, Vatva, Ahmedabad - 382440, Gujarat				
P.O.No. & Date	PRMM154115 / 24764286 Dated: 20.05.2016				
P.O. Status	<input type="checkbox"/> Part <input checked="" type="checkbox"/> Full				
Date of visits	17.10.2016				
<b>3.0. REFERENCE DOCUMENT (Drawing/ QAP / Specification)</b>					
No.	Description	Doc. No.	Rev.	App. Code	Approved By
1.	Approved ITP	(IOC/M&I/MECH/P/2013) - PAGE No. 20 TO 23	04	Nil	IOCL
2.	Approved Drawing	HK-GLV-03	00	Nil	IOCL
3.	Approved Data Sheet	IOCL/M&I/GLOBE VALVE/2010 (Page No. 65 of 76)	01	Nil	IOCL
4.	Technical Specification No	IOCL/M&I/MECH/P/4/2013 (23 Pages)	04	Nil	IOCL
5.	PO	PRMM154115 / 24764286 Dated: 20.05.2016	Nil	Nil	IOCL
<b>4.0. ITEMS INSPECTED</b>					
Description		Specification	Order Quantity		
4" x 600# CS Globe Valves FI End		BS 6755 Part 1, Approved ITP, Approved Drawing, Technical Specification & PO	03 Nos		

Page No 1 of 2

**Registered Office:**  
TÜV SÜD South Asia Pvt. Ltd.  
TÜV SÜD House,  
Off Saki Vihar Road,  
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Mumbai - 400072, India.

Doc. No: TSSA\_IS\_IN\_FR\_05 Rev 2 Dated. 01-02-16

**Corporate Office:**  
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For any suggestions/complaint please write to "Quality.Industrieservices@tuv-sud.in"



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Continuation sheet of IRN :- IND-0009603/AHD/HKE/PM/16/001 Date: 22<sup>nd</sup> Oct 2016

**Detail of Inspection :**

PO Sr.no	Item Description	Sr No	PO Qty	Inspected Qty	Previous Inspected Qty	Qty Variation	Status of Inspection
00010	4" x 600# CS Globe Valves Fl End, ASTM A216 GR. WCB	103 To 105	03	03	Nil	Nil	Accepted

**Details of Inspection Activities :**

- (A) **Visual:** Witnessed visual of offered Valves 100% Qty for external surface finish & workmanship and found satisfactory.
- (B) **Dimension:** Witnessed major dimensions of offered Valves 100% Qty and found within acceptable limit.
- (C) **Body Hydro Test:** Witnessed Body Hydro Test of offered Valves 10% Qty randomly at pressure 154 Kg/cm<sup>2</sup> and no leakage or no pressure drop observed during holding period, test stood satisfactory.
- (D) **Seat & Back Seat Hydro Test:** Witnessed Seat & Back Seat Hydro Test of offered Valves 10% Qty randomly at pressure 112 Kg/cm<sup>2</sup> and no leakage observed during holding period, test stood satisfactory.
- (E) **Seat Air Test:** Witnessed Seat Air Test of offered Valves 10% Qty randomly at pressure 7 Kg/cm<sup>2</sup> and no leakage observed during holding period, test stood satisfactory.
- (F) **Documents Review:** Following documents were reviewed and found in order.
  - 1) MTC of Body, Bonnet & Disc
  - 2) Lab TC for Gland, Back Seat & Stem
  - 3) TC of Gasket
  - 4) MTC of Fasteners
  - 5) Manufacturer Inspection Report for valves
  - 6) Calibration certificate reviewed of Measuring Instruments used during execution of job and found in order.

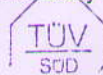
Instrument / Equipment No	Range of instrument/equipment	Calibration due date
Pressure Gauges, PG/14-304	0-21 Kg/cm <sup>2</sup>	18.01.2017
Pressure Gauges, PG1476	0-350 Kg/cm <sup>2</sup>	02.11.2016
Vernier Caliper, VR/16-29	0-300mm	18.01.2017

- (G) **Enclosure:**
  - 1. MTC of Body, Bonnet & Disc
  - 2. Lab TC for Gland, Back Seat & Stem
  - 3. TC of Gasket
  - 4. MTC of Fasteners
  - 5. Manufacturer Inspection Report for valves
  - 6. Calibration Certificate of Measuring Instruments.

**Detail of Identification:** Witnessed Valves Single hard stamped on Body Flange OD near Sr. No.

Rubber Stamp :-

Die Stamp :-



**Inspection Status :-**  Accept  Dispatch

**Recommended Action :-** (1) Vendor shall take utmost care while handling the product after completion of inspection.

**Distribution :**  Client  Supplier/Sub supplier  Contracting office  Performing office

**Inspection Engineer Name Sign & Stamp :-** Paresh Makwana

