



INSPECTION REPORT N°. ITF/MUM/IOCL/53607/IR/002

 Interim
 Final




BV Job nr: IND.M.4.15.1234

(ORIGINAL)

PROJECT: IOCL 9010 Guwahati Refinery.	Ref : ---
BV Client: M/s Intertech fittings Ind Pvt Ltd., Ambernath.	P/o nr: --- Placed with: ITF-BVIL
End User: IOCL	
Manufacturer : M/s Intertech fittings Ind Pvt Ltd., Ambernath.	P/o nr: RGRM152005/24553607 Dt 25.09.15. Placed with: IOCL-ITF
Inspection requested by: M/s Intertech fittings Ind Pvt Ltd., Ambernath.	

SUPPLY / SUBJECT OF INSPECTION	ITEM / TAG Nr	QTY(Nos)
PIPE FITTINGS as detailed in the continuation sheets 2/3.		

DOCUMENTS OF REFERENCE : See continuation sheet for additional documents: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
Title	Reference n°	Rev.	Approved by	Date
P.O.	RGRM152005/24553607	0	M/s IOCL	25.09.15
QAP	QAP/GEN/419	0	M/s IOCL	03.10.15
Email	Accepting various points	-	M/s IOCL	07.10.15

INSPECTIONS :	Results of inspection : <input checked="" type="checkbox"/> Satisfactory <input type="checkbox"/> Unsatisfactory
<p><u>Inspection place & Date or Period:</u> M/s Intertech fittings Ind Pvt Ltd., Ambernath.DTD: 29.12.15.</p> <p><u>Stage of inspection :</u> <input type="checkbox"/> Before manufacturing <input type="checkbox"/> During manufacturing <input checked="" type="checkbox"/> Final <input type="checkbox"/> Packing</p> <p><u>Type of inspection:</u> <input type="checkbox"/> Pre-inspection meeting <input checked="" type="checkbox"/> Document and QC record review <input checked="" type="checkbox"/> Visual examination, checks <input checked="" type="checkbox"/> Witnessing tests <input type="checkbox"/> Manufacturing progress status <input type="checkbox"/> Vendor assessment <input checked="" type="checkbox"/> Final inspection <input type="checkbox"/> Packing (for details see continuation sheet)</p> <p><u>Stamping :</u> <input type="checkbox"/> No(IBR) <input checked="" type="checkbox"/>  <input type="checkbox"/> </p>	<p><u>Non Conformities Reports (NCR):</u></p> <p>o NCR's issued during reported period: Nil.</p> <p>o List of outstanding NCR's: N.A.</p> <p><u>Main Conclusions & Remarks:</u> (for details see continuation sheet)</p> <ul style="list-style-type: none"> • Details of inspection as per page 2/3. • Inspection carried out as per approved QAP & relevant dimensional standard found satisfactory. <p></p> <ul style="list-style-type: none"> • P.O. Status: Incomplete. <p><u>Next visit scheduled:</u> As required.</p>



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(continued)

A] Introduction : (Attendees, BV scope of work)

The Inspection was carried out for Fittings as per, PO & QAP.

Inspection Attendees are – Mr.Prakash Vaidya (QA-QC) - M/s ITF.

Mr.R.K.Deshpande (Sr.Surveyor) – BVIL.

B] Details of Inspection Carried out:

- Visual inspection carried out for surface condition (for 100 % quantity) – found satisfactory.
- Visual inspection carried for verification of markings (for 20 % quantity at random) – found satisfactory.
- Dimensional inspection carried out (for 20 % quantity at random) – found within tolerance limits as per applicable specification.
- PMI test carried out on AS fittings & review of report (for SA 182 F5 & SA 335 P5 100 % quantity) – found satisfactory.
- DP test carried out on AS fittings & review of report (for SA 234 WP5 & SA 234 WP11 100 % quantity) – found satisfactory.
- Reviewed Mill Test Certificates, for all Raw Materials as declared by manufacturer – found satisfactory.
- Reviewed Heat Treatment Charts, of Final Products, as declared by manufacturer – found satisfactory.
- Reviewed Lab Check Test Reports of final product (Tensile, Hardness, Chemical as applicable) – found satisfactory.
- Reviewed and endorsed Manufacturer's Test Certificate no. ITF/1274/15-16 to ITF/1277/15-16 Dt. 29.12.15. (EN10204 Type 3.1) of M/s. ITF – found in order.
- All Dimensionally Inspected items stamped as "BV BV" and rest as "BV" for identification, near Manufacturer's marking.
- Verified Calibration Status & Certificates of measuring instruments, used for the above inspection, along with traceability – found in order.

Equipment Type	Equipment Identity n°	Last Calibration Date	Expiry Date
Measuring Tape(0-3mtr)	TT-ST-01	12.02.15	11.02.16
Vernier Caliper (0-300mm)	VC-01	12.02.15	11.02.16

 ANNEXES Yes (Total number of pages: ---) No

Inspected by:

 Name: Pradeep Salunkhe/R.K.Deshpande/
 Suresh.Pachat/K.Kazi

Checked by:

Name: R.K.Deshpande



Signature:

Date of issue: 30.12.15

Inspection centre: BVIL MUMBAI

 Distribution: IOCL

 ITF

 BVIL MUMBAI



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SUPPLY / SUBJECT OF INSPECTION

Po.sr	Item code	Spec	Material	Item	Size	Qty	Lot no.
500	4399991844	NIBR	A182 GR F5	AS B/W WYE SMLS PIPE	3"NB SCH-160	10	ITF-R1029
490	4399996864	NIBR	A234 GR WP11	AS B/W REDUCING TEE H2 SERVICE	6"X2"NB SCH-160	2	ITF-2223
90	4352351894	NIBR	A234 GR WP5 SML	AS B/W 90 DEG LR ELBOW	8"NB SCH-120	12	ITF-2120
150	4354352054	NIBR	A234 GR WP5 SML	AS B/W 45 DEG LR ELBOW	10"NB SCH-60	2	ITF-2696
200	4390331684	NIBR	A234 GR WP5 SML	AS B/W EQUAL TEE	6"NB SCH-40	10	ITF.2120
60	4352351224	NIBR	A234 GR WP5 SML	AS B/W 90 DEG LR ELBOW	3"NB SCH-160	75	ITF-840
130	4354351224	NIBR	A234 GR WP5 SML	AS B/W 45 DEG LR ELBOW	3"NB SCH-160	2	ITF-840
180	4390331224	NIBR	A234 GR WP5 SML	AS B/W EQUAL TEE	3"NB SCH-160	6	ITF-840
400	4382253424	NIBR	A234 GR WP5 SML	AS B/W CONC REDUCER	3"X2"NB SCH-40X80	2	ITF-841
430	4383253464	NIBR	A234 GR WP5 SML	AS B/W ECCN REDUCER	3"X2"NB SCH-160	10	ITF-840
380	4373197824	NIBR	A335 GR P5	AS BEP BARREL NIPPLE	11/2"NB SCH-80	4	ITF-572
					TOTAL	135	

PHOTOGRAPH OF INSPECTION:

Visual, Dimensional & PMI Inspection in progress

