

CLIENT – INDIAN OIL CORPORATION LTD
 PROJECT – HALDIA
 ITEMS – CS FORGED FITTINGS
 PO NO – FPURHQ0111 DTD 05/08/2015

MOC – A105
 QAP NO – CSAF/IOCL/307 DTD 08/10/2015
 CERTIFICATION – EN 10204 TYPE 3.1

Sr No	Stage/Activity	Characteristics	Quantum of Check	Record	Scope of inspection	
					Supplier	TPI
1.0	Material Inspection					
1.1	Raw material Identification	Chemical and Mechanical Properties	100% by supplier	Mill Test Certificate	H	R
2.0	In process Inspection					
2.1	Heat Treatment	As per MOC	100%	HT Chart/Report	H	R
2.2	Identification of test samples	Chemical & Mechanical	1 sample per heat/lot	Test Reports	H	R
2.3	Product Analysis	Chemical Composition	1 sample per heat/lot	Test Reports	H	R
2.4	Destructive testing	Mechanical test as per code	1 sample per heat/lot	Test Reports	H	R
3.0	FINAL INSPECTION					
3.1	Visual and dimension	Size, Thickness, dimension, Surface quality & marking	100% by supplier and 10% random by TPIA	Inspection Report	H	W
3.2	FINAL STAMPING	Stamping of Accepted Fittings	10% checked qty by TPIA to be single stamp	Inspection Report	H	H
5.0	DOCUMENTATION & IRN					
5.1	Documentation & Inspection Certificate	Review of test reports & Issue of IRN	100%	Supplier TC and IRN	H	H

LEGEND – H – HOLD, R- REVIEW, W- WITNESS

- CSA FITTINGS QA I/C

CLIENT



 INDIAN OIL CORPORATION LIMITED PJ-ENGG, RHQ, ND		
<input type="checkbox"/> 1 Revise and Resubmit. <input type="checkbox"/> 2 Revise and resubmit work may proceed subject to incorporation of Comments. <input type="checkbox"/> 3 Incorporate comments, if any. Resubmit as certified final. Work may proceed. <input checked="" type="checkbox"/> 4 Acceptable. Certified final issue. Do not resubmit. Work may proceed. <input type="checkbox"/> 5 Accepted for information only. Work may proceed. Do not resubmit.		
<i>Prayansh</i> <i>09/10/2015</i>	<i>Bala</i> <i>09/10/15</i>	<i>Roshani</i>
REVIEWED BY		BY
THIS COLLECTIVE APPROVAL DOES NOT RELIEVE THE VENDOR OF THE FULL RESPONSIBILITY AS TO DESIGN CORRECTNESS OR DIMENSIONS AND COMPLIANCE WITH ALL APPLICABLE REGULATIONS AND WITH THE REQUIREMENTS MADE IN PURCHASERS SPECIFICATIONS.		