

**Survey Station: MUMBAI**

**Date :14/07/2015**

**Report No :MUM151542**

This is to certify that, at the request of **M/S Punj Lloyd Limited, Delhi**, the Undersigned Surveyor to **IRClass Systems & Solutions Private Limited** attended at their Works of **M/s. CSA fittings-Taloja** On **14/07/2015** for the purpose of inspection of **PIPE FITTINGS** described below, manufactured against P.O. No **PLL/PROC/PAIN-01/NPCIL-KAPP 3&4-01/329885 REV.3** dated **15/04/2013** of **M/S. Punj Lloyd Limited, Delhi**, and intended for "**NPCIL PRIMARY PIPING PACKAGE FOR KAPP 3&4**".

**DESCRIPTION:**

PO. SR. NO.	ITEM SR.NO.	ITEM DESCRIPTION	PO QTY.	OFFERED QTY.	ACCEPTED QTY.
AS PER ANNEXURE					

Following examination carried out as per above PO, QAP No. CSAF/PLL/10075R2 14/06/2012 and NPCIL Specification No. PC-M-288 and found satisfactory:

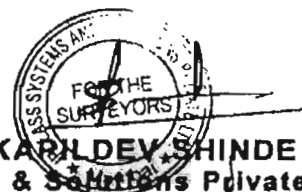
1. Review of Raw Material TC.
2. Witness of UT test on raw material.
3. Review of Heat treatment Chart.
4. Witness of Mechanical testing's (Tensile, Micro, Impact and Hardness) of Samples drawn per Lot & Review of Chemical test reports of Samples drawn per Lot.
5. 100% Visual and dimensional Check
6. 100% witness of DP test on machined surface & ends.
7. Witness of hydro test at pressure 174 kg/cm2 (g) – one sample of each size per lot.
8. Verification of Identification markings & stamping, colour coding, corrosion protection coating.
9. Review of manufacturer's Test Certificate.

For the purpose of identification marking of all the pipe fittings have been stamped on each fitting with IRS hard stamp as "IRS 15"

Note: Above material is released for dispatch.

Item Status: Complete

PO. Status: Complete

  
**KARL DEV SHINDE**  
(IRClass Systems & Solutions Private Limited)

This Certificate is issued upon the following terms and conditions :

Whilst IRClass Systems & Solutions Private Limited (hereinafter referred to as ISSPL) and its Committees use their best endeavors to ensure that the functions of ISSPL are properly carried out, in providing services, information or advice neither ISSPL nor any of its servants or agents warrants the accuracy of any information or advice supplied. Except as set out herein neither ISSPL nor any of its servants or agents (on behalf of each of whom ISSPL has agreed this clause) shall be liable for any loss damage or expense whatever sustained by any person due to any act or omission or error of whatsoever nature and however caused of ISSPL its servants or agents or due to any inaccuracy of whatsoever nature and howsoever caused in any information or advice given in any way whatsoever by or on behalf of ISSPL, even if held to amount to a breach of warranty. Nevertheless, if any person uses services of ISSPL, or relies on any information or advice given by or on behalf of ISSPL and suffers loss damage or expenses thereby which is proved to have been due to any negligent act omission or error of ISSPL its servants or agents or any negligent inaccuracy in information or advice given by or on behalf of ISSPL then ISSPL will pay compensation to such person for his proved loss up to but not exceeding the amount of the fee charged by ISSPL for that particular service, information or advice.

Any notice of claim for loss, damage or expense as referred to above shall be made in writing to ISSPL Head Office within six months of the date when the service information or advice was first provided, failing which all the rights to any such claim shall be forfeited and ISSPL shall be relieved and discharged from all liabilities.

Effective Date :08.12.2014

Form No. IS/F/Cert/003 Rev.01

Survey Station: **MUMBAI**

Date : **14/07/2015**

Report No : **MUM151542**

Client: M/s. Punj Lloyd Limited, Delhi.

Manufacturer: M/s. CSA Fittings-Taloja

P.O. NO. PLL/PROC/PAIN-01/NPCIL- KAPP 3&4-01/329885 REV.3 dated 15/04/2013

Project: "Primary piping package for KAPP 3&4"

PO. SR. NO.	ITEM SR.NO.	ITEM DESCRIPTION	PO QTY.	OFFERED QTY.	ACCEPTED QTY.
2.10.3.4.1	12	SOCKOLET SA350 Gr.LF2 (CL-1) MSS-SP-97, PC-M-288, ASME SEC III, NC-UTE. SIZE: 100X20, 3000#, SW. LOT NO. LF2/421	6	6	6
2.10.4.4.2	15	THREDOLET SA350 Gr.LF2 (CL-1) MSS-SP-97, PC-M-288, ASME SEC III, NB-UTE. SIZE: 50-800X25, 3000, SC. LOT NO. LF2/421	8	8	8
2.10.5.3.1	19	WELDOLET SA350 GR.LF2 (CL-1), MSS-SP-97, PC-M-288, ASME SEC III, NB-UTE. SIZE: 100-600X40, SCH-80, BW. LOT NO. LF2/421	58	58	58
2.10.5.3.2	20	WELDOLET SA350 GR.LF2 (CL-1), MSS-SP-97, PC-M-288, ASME SEC III, NB-UTE. SIZE: 200-250X80, SCH-80, BW. LOT NO. LF2/421	45	45	45
2.10.5.3.3	21	WELDOLET SA350 GR.LF2 (CL-1), MSS-SP-97, PC-M-288, ASME SEC III, NB-UTE. SIZE: 200X25, SCH-80, BW. LOT NO. LF2/421	26	26	26
2.10.5.3.4	22	WELDOLET SA350 GR.LF2 (CL-1), MSS-SP-97, PC-M-288, ASME SEC III, NB-UTE. SIZE: 350-600X50, SCH-80, BW. LOT NO. LF2/421	16	16	16
2.10.5.3.5	23	WELDOLET SA350 GR.LF2 (CL-1), MSS-SP-97, PC-M-288, ASME SEC III, NB-UTE. SIZE: 350X100, SCH-80, BW. LOT NO. LF2/421	03	03	03
2.10.5.3.10	28	WELDOLET SA350 GR.LF2 (CL-1), MSS-SP-97, PC-M-288, ASME SEC III, NB-UTE. SIZE: 80X25, SCH-160, BW. LOT NO. LF2/421	06	06	06
2.5.18.1	66	TEE (EQUAL) SA350 GR.LF2 (CL-1), ANSI B 16.11, PC-M-288, ASME SEC III, NC-UTE. SIZE: 25X25, 3000, SW. LOT NO. LF2/421	42	42	42

**KAPIL DEV SHINDE**  
(IRClass Systems & Solutions Private Limited)

Effective Date :08.12.2014



Form No. IS/F/Cert/003 Rev.01