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| **TUV INDIA PRIVATE LIMITED**  **INSPECTION VISIT REPORT**  Number: 8115855766/1001127318 - IVR - 05.12.2018 - A C Ramana - Revision - 0 |

**Observations:**

1. Visual check for surface finish on all offered material as per MSS SP 55 – following defects were observed.

* Sand inclusions observed and fused sand not removed fully on surface in Tube Spacer and Seal castings.
* Improper surface (surface irregularities) and uneven grinding finish (Rough surface) observed Tube Spacers.
* Tool dent marks observed in all offered material on surface due to chipping.
* Sharp edges not removed at Tube Spacer Cored holes areas
* Bend observed 5 to 12mm in Tube spacers.
* Machined burrs not cleaned in Nuts.

1. Dye Penetrant test as per ASTM E 165, E433 and Technip Spec No: 061807C001 000 JSS 0125 001 Rev.0

* 100% on pilot Castings and 10% randomly selected samples from production castings - Recordable indications like fishers, inclusions and extra penetrant observed in Tube Spacers and Seal Plates due to improper surface finish.

1. RT films for offer material:

Seal Plates having indications, those indications are not acceptable and same are reported.



(A C Ramana)

TUV India Pvt Limited