

# BHARAT HEAVY ELECTRICALS LIMITED

(A Government of India Undertaking)

Heavy Power Equipment Plant

Ramachandrapuram, Hyderabad, 502 032, A.P., India

Product Division : HE & FAB

Date: 07.12.2016

## PERFORMANCE REPORT OF SS SEAMLESS U TUBES AT BHEL WORKS

This is to certify that **M/s. Heavy Metal & Tubes Limited, Gujarat** has manufactured and supplied SS Seamless U Tubes of SA213 TP304 Grade (with 0.05% max. Carbon as per BHEL Specification HE51173) with the following details:

- i) Purchase Order No. and Date : D315A00026 Dated 15.09.2015
- j) Tube Outer Diameter : 15.875 mm
- k) Tube Thickness : [2.1, 2.2, 2.3, 2.35, 2.4, 2.45 MIN] mm
- l) Tube Leg Length : [8500, 11200, 8000] mm
- m) Total Number of Tubes : 22,200 Nos.
- n) Total Weight of Tubes : 347 MT
- o) Equipment : HP Heater 6A/6B, 7A/7B and 8A/8B
- p) Project Name : 1x800MW GSECL Wanakbori and 1x800MW TSGENCO Kothagudem

This is to be certified that these SS Seamless U Tubes were assembled by BHEL in the equipment and successfully hydro tested at 545 Kg./Sq. Cm without any leakage.

### Reference:

- 1) Hydro test report: HYQC/3636/2016-17/004 Dated: 06.06.2016 and 15.06.2016
- 2) Hydro test report: HYQC/3636/2016-17/005 Dated: 16.06.2016 and 17.06.2016
- 3) Hydro test report: HYQC/3636/2016-17/006 Dated: 06.06.2016 and 14.06.2016
- 4) Hydro test report: HYQC/3636/2016-17/007 Dated: 17.06.2016
- 5) Hydro test report: HYQC/3636/2016-17/010 Dated: 19.07.2016 and 21.07.2016
- 6) Hydro test report: HYQC/3636/2016-17/011 Dated: 23.07.2016

This is issued against your request for submission to APGENCO, Hyderabad.

*R. Srividhanan*  
7/12  
आर. श्रीधरन  
(For Bharat Heavy Electricals Limited)  
महा प्रबंधक / क्रय, एन.पी.सी. & स्टोर्स (एच.ई. व. एफ.)  
General Manager / Pur. MPC & Stores (HE & FAB)  
बी.एच.ई.एल. हैदराबाद BHEL. HYD-32