

specification

PROJECT NAME: **A.M.P.C PDH**

PROJECT NO. : **V308**

DUCUMENT NAME: **P.O.S. FOR C.S PLATES**

DUCUMENT No.: **VP-V308-0100G-002**

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REVISION: **00**

EQUIP. NAME: **Pressure Vessels**

OWNER: **A.M.P.C**

This purchase order specification covers C.S. PLATES purchasing requirments for Vessel of AMPC.

1- APPLICABLE CODE AND STANDARD

The following codes and standards together with referenced applicable codes & standards shall be applied:

ASME Sec. VIII Div. 1, 2007 Edition., Addenda 2009

ASME Sec. II Part A, 2007 Edition., Addenda 2009

2- SCOPE OF SUB-VENDOR'S WORK

Vendor's scope of work shall include the following items:

2-1 Plates shall be provided with positive tolerances on thickness.

2-2 Plates rolling direction shall be indicated by suitable marking.

2-3 Plates shall have no lamination.

2-4 Mechanical testing is according to SA-370 of ASME code section II.

2-5 General requirements of steel plates shall be according to SA-20 of ASME code section II.

2-6 Ultrasonically examined with 100% scanning in accordance with the following:

Plates shall be examined before forming in accordance with ASME SA-435 including supplementary requirements S1.

Formed plate surfaces to be welded, i.e., the weld bevel area, and a minimum of 2 inches (50mm) of neighboring

surfaces. Formed plate surfaces where weld overlay will be applied.

3- DOCUMENTS TO BE SUBMITTED .(In English & SI units)

3-1 Material test certificate as per EN 10204-3.1

3-2 Result of NDE.

3-3 Dimensional inspection results.

3-4 Result of mechanical tests.

3-5 Packing list.

3-6 Heat number.

3-7 Full chemical analysis results.

Notes:

1- All dimensions are in millimeters unless otherwise specified.