

ABRADABLE COATING SCOPE

Dt:17-03-2023

W.O.No.:1019310000 and 1019310100

Customer : OMIPL

Dimensions:

Volumetric dimns (LxBxH) UP+LP : 763 x 1238 x 1220 mm

Volumetric dimns (LxBxH) UP : 763 x 1238 x 610 mm

Volumetric dimns (LxBxH) LP : 763 x 1238 x 610 mm

Component Weights:

Total Weight of the Job UP + LP : 3.5 tons

Drawings:

Inner casing drg No. : 03010200049-15/ Rev.18

Abradable coating drg : 33010200030-00/ Rev.00

Abradable coating spec : TC41002-00/Rev.01

Facilities required:

- a) Thermal spray(flame spraying) coating equipment synchronized with turntable & Robot of load bearing capacity of enquiry items.
- b) Grit blasting machine.
- c) Testing facilities of coated components.

SCOPE OF WORK FOR COATING AT SC WORKS

Oprn Nos 0742 & 0743 of process sheet.

Coating should be done as per drg No.33010200030-00 and TC41002-00.

Process qualification should be followed as per spec.TC41002-00.

Vendors having previous experience of coating as per BHEL requirement will be considered as technically qualified on submitting TCs to BHEL. They need not do coating on test specimens.

M. Gayatri
Manager/Turbine Technology