

ITW SHAKEPROOF INDUSTRIAL PRODUCTS

FINISH
CODE

REVISION
LEVEL

BRIEF DESCRIPTION:

BT-1 PASSIVATE-DIP-PASSIVATE

BT

1

REV DATE: 4/1/2007

GENERAL DESCRIPTION

PASSIVATION OF STAINLESS STEEL BY IMMERSION IN A SOLUTION PREPARED IN ACCORDANCE WITH ASTM380 FOR 300 AND 400 SERIES STAINLESS STEEL. PARTS TO BE PASSIVATED BEFORE AND AFTER BRIGHT HARDNING.

APPEARANCE

BRIGHT SHINY APPEARANCE

ADHESION AND DUCTILITY

NOT APPLICABLE

CORROSION REQUIREMENTS

RED RUST: 24

WHITE CORRIOSION:

SALT SPRAY TESTS TO BE PERFORMED PER ASTM B117

COATING THICKNESS REQUIREMENTS

NOT REQUIRED

STRESS RELIEF

NOT REQUIRED

QUALITY CONTROL

STRAUSS TEST: IMMERSE IN COPPER SULPHATE FOR 30 MINUTES WITH OUT ANY EVIDENCE OF COPPER DISPOSITION. VISUALLY INSPECT PARTS FOR FREEDOM OF OIL, GREASE, WHITE CORROSION, SCALE AND FOREIGN MATTER.

PROCESS TO

ASTM A380, FEDERAL SPEC: QQ-P-35C

PRINT DATE:

6/14/2016