

(ADOBE READER FORMAT)



BINASTEEL INDUSTRIES SDN. BHD.

TECHNICAL SPECIFICATION

STAINLESS STEEL

1. Design

1.1 Material

The sectional panel tank shall consist of 4' x 4' or 1 meter x 1 meter panel manufactured from 2.5mm to 4.0mm thickness according to requirement.

1.2 Flanges

The sectional panels shall be pressed to double flanges at the angles of 45 ° and 90 ° degree to the face of the plate on four sides.

1.3 Reinforcement Method

All tanks are internally braced with angle stays to endure the rigidity of the tank when filled with water.

The top panel is supported by top panel support, which shall be made of stainless steel grade 304 or 316 material according to requirement.

2. Accessories

2.1 Bolt, nut & washers

- i) All bolt, nut & washer in contact with water contained within the tank shall be of stainless steel conforming to AISI 316/304
- ii) All bolt, nut & washer for the tank external flanges are stainless steel AISI 316/304.

2.2 Sealing material

Non-toxic P.V.C foam tape shall be used in between the joints.

2.3 Covers

The tank cover shall be constructed from 1.2mm to 3.0mm thickness stainless steel 304/316 material according to requirement.

2.4 Ladders and Level Indicator

Internal and external ladder shall be made of stainless steel grade 304 or 316, Level indicator shall be made of aluminum material.