

# Soda Ash SGGI Silo Loading

Particle Size: 0 to 2000 microns (around 2-3% will be lesser than 100 micron)

Melting Point: 851°C (1564°F)

Hygroscopic Nature: Yes

Bulk Density: 0.97 – 1.10 gm/cm<sup>3</sup>

Flammability: Non Flammable

## Loading Method

Flexi-bag Container loading (B-i-b)

Bag size: 24 Tonne

## Other Specification

### Silo 1,

- 1) Conveying height from ground to silo: 31.55 m
- 2) Arc bend
- 3) Horizontal pipe: 6.404 m
- 4) 90 degree bend
- 5) Drop down to silo

### Silo 2,

- 1) Conveying height from ground to silo: 31.55 m
- 2) Arc bend
- 3) Horizontal pipe: 13.4 m
- 4) 90 degree bend
- 5) Drop down to silo

### Total 3 bends –

1 Down ( 90 deg bend travelling up)

2 Up (One having an angled bend changing the pipe from vertical to horizontal, other having a 90 deg bend for pouring into silo from horizontal pipe)

### Conveying pipe diameter – 4 inches