



Project Name:

AATesting

Client Name:

AT

Capacity:

AT

# 1. Mechanical Screen

## Sec01: General Data

Field	Value
Manufacturer	Ietos Factory
Service	Inlet Area
Fluid	Sewage
Operation	Automatic & Manual
Quantity of Units	1
Country of Origin	Egypt

## Sec02: Design Data

Field	Value
Type	Mechanical Coarse Screen-Multi rack
Channel Depth	1500
Channel Width	400
Water Depth	600
Bar Thickness	10
Bar Width	50
Bar Spacing	25
Inclination Degree	60

## Sec03: Gearmotor Data

Field	Value
Power	0.37
Power Supply	380/3/50
Driving Unit Service Factor	2

Motor Insulation Protection	IP 65
Isolation / Temp. Class	Class F/B
Motor Brakes	Included
Torque limiter	Included
Gear Motor	Rossi/Bonfiglioli

#### Sec04: Control panel Data

Field	Value
Voltage	380
Phase	3
Frequency	50
Insulation Protection	IP 65
Panel Thickness	2
Panel Material	Coated Steel
Components Type	Schneider

#### Sec05: Material Data

Field	Value
Screen Bars	Stainless Steel 316
Frame	Stainless Steel 316
Rack	Stainless Steel 316
Rack (Teeth)	Artelon
Sprockets	Stainless Steel 316
Dead Plate	Stainless Steel 316
Chain	Stainless Steel 316
Bolts & Nuts	A4

#### Sec06: Other Data

Field	Value
One Rack	Yes
Two sets of bearings	Yes

## 2. Manual Screen

### Sec01: General Data

Field	Value
Manufacturer	Ietos Factory
Service	Inlet Area
Fluid	Sewage
Operation	Manual
Quantity of Units	1
Country of Origin	Egypt

### Sec02: Design Data

Field	Value
Type	Bar Coarse Screen
Channel Depth	1500
Channel Width	400
Water Level	600
Bar Thickness	12
Bar Width	50
Bar Spacing	25
Inclination Degree	60°
Hand Rack Qty	2

### Sec03: Material Data

Field	Value
Frame	Stainless Steel 316
Bars	Stainless Steel 316

Rake Tube	Stainless Steel 316
Rake Plate	Stainless Steel 316
Bolts & Nuts	A4



### **3. Basket screens**