



Project Name:

TESTING\_A\_0003

Client Name:

qqq

Capacity:

qqq

## 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	1510
Channel Width	420
Water Depth	600
Bar Thickness	14
Bar Width	50
Bar Spacing	30
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	1511
Channel Width	411
Water Level	600
Bar Thickness	121
Bar Width	501
Bar Spacing	25
Inclination Degree	71
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. Belt Conveyor

#### Sec01: General Data

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

#### Sec02: Design Data

Field	Value
Width	1000
Length	9000
Belt Thickness	10
Mounting	Horizontal
Chute	Included

#### Sec03: Gearbox Data

Field	Value
Type of drive	Gear Motor
Power	866.47
Power Supply	380/3/50
Driving Unit Service Factor	1.2
Motor Insulation Protection	IP 66
Isolation / Temp. Class	Class F/B

Gear Motor	Rossi/Bonfiglioli
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#### Sec04: Motor Data

Field	Value
Frame	Hot Dip Galvanized Steel
Idlers	Coated Steel Unit
Belt	Triple-Ply Nylon Layer
Driving & Driven Drum Set	Coated Steel Unit
Belt Scraper	Rubber
Bolts & Nuts	A4

#### Sec05: Material Data

Field	Value
1. One set of bearing	Yes
2. Five rollers with accessories	Yes
3. One set of bearing for motor	Yes