



# Z.C.E

شركة الزهراء  
للمقاولات الهندسية  
والتوريدات

*EIZAHRAA FOR ENGINEERING CONTRACTING AND Supplying*

## Project Report: EEE

### Project Details

Name: EEE

Client Name: E

Capacity: E



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## 1. Belt Conveyor

### Sec01: General Data

Field	Value
Belt Length	7000
Belt Width	800
Drum Diameter	250
Friction	0.3
Velocity	0.4
Factor of Safety	1.5
Belt weight per meter	15

### Sec02: Design Data

Field	Value
Weight	396.33
Power	539.14
Speed	0



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## 2. Gritremoval

### Sec01: General Data

Field	Value
N of Channels	2
Channel Width	2.5
Civil Width	0.4
Bridge Length	6
Wheel Diameter	0.25
Friction	0.3
Velocity	0.05
Safety Factor	1.5

### Sec02: Design Data

Field	Value
Weight Total (kg)	1956.00
Driving Power (kW)	628.71
Driving Motor Speed (rpm)	3.82
Weight steel	1256.00
Weight St.St	700.00
Lifting Power (kW)	282.60