



Z.C.E

EIZAHRAA FOR ENGINEERING CONTRACTING AND Supplying

شركة الزهراء
للمقاولات الهندسية
والتوريدات

Project Name:

testservice

Client Name:

tc

Capacity:

tc



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1. Manual Screen

Chanel Height (m)	5
Channel Width (m)	5
Water Level (m)	5
Water Level Margin (m)	5
Bar Spacing (m)	0.075
Bar Thickness (m)	5
Bar Width (m)	5
Angle	5
Weight (KG)	24861621.11



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2. Belt Conveyor

Belt Length	6000
Belt Width	9000
Drum Diameter	250
Friction	0.3
Velocity	0.4
Factor of Safety	1.5
Belt weight per meter	15
Weight	344.00
Power	5198.81
Speed	0



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3. Gritremoval

N of Channels	2
Channel Width	8000
Civil Width	6000
Bridge Length	6
Wheel Diameter	4000
Friction	0.3
Velocity	0.05
Safety Factor	1.5
Weight Total (kg)	2241256.00
Driving Power (kW)	720403.71
Driving Motor Speed (rpm)	0.00
Weight steel	1256.00
Weight St.St	2240000.00
Lifting Power (kW)	904320.00