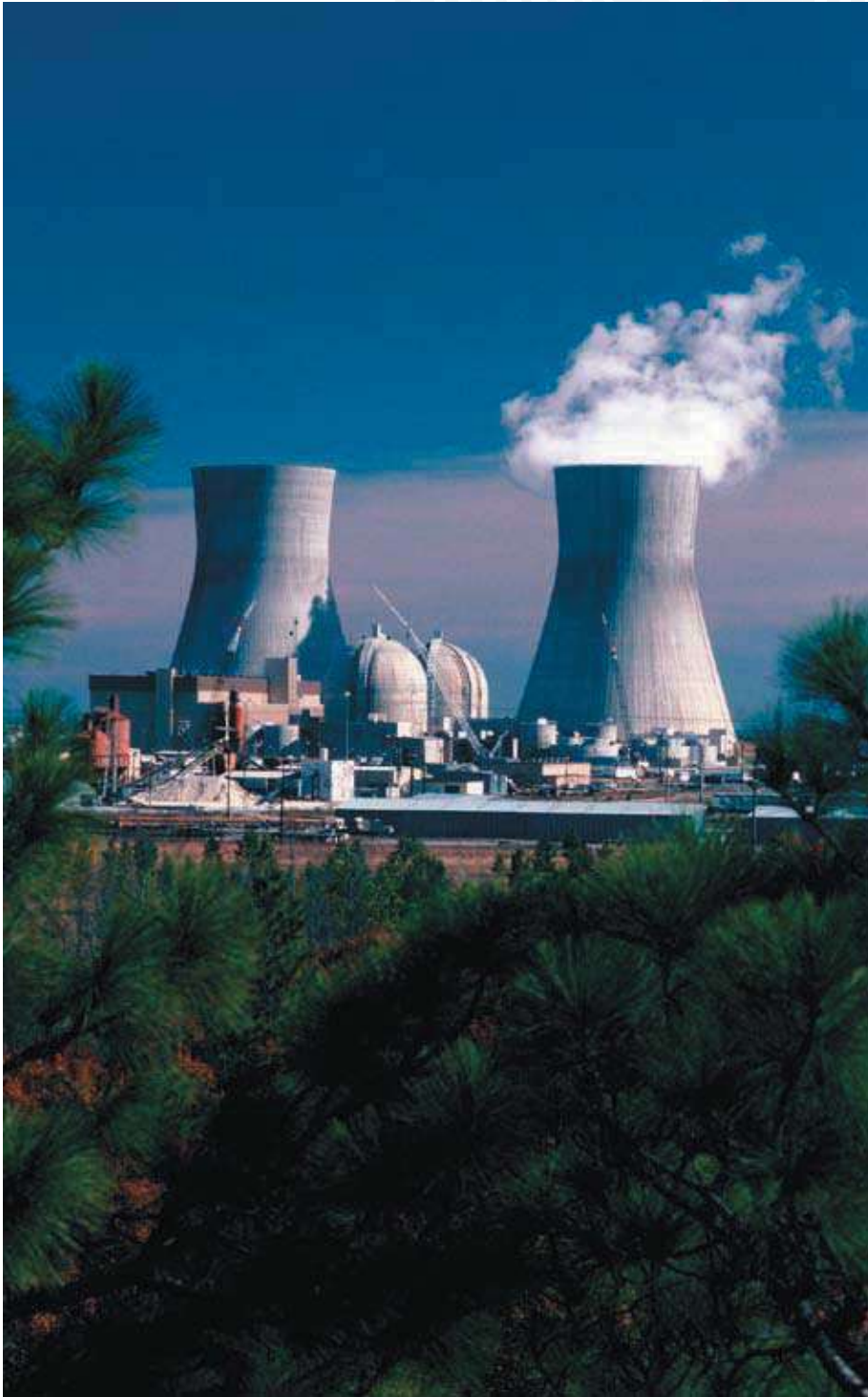


# Cooling Tower Reference List



**The Cooling Tower Company With Experience You Can Trust...  
Cooling Technology Know-How You Can Depend On...**

**Project:**

# Dolmen City Clifton

Karachi-Pakistan



## Specifications

### Model : TXC 3000-2GM

Type: Rectengular, Induced Draft, Crossflow  
Pultruded FRP type

Numbers of cell : Ten (10)

Water Flow Rate : 4,500 m<sup>3</sup>/hr

Hot Water Temperature : 38.0 oC

Cold Water Temperature : 32.0 oC

Wet Bulb Temperature : 29.0 oC



## INDUSTRIAL DEVELOPMENT & ENGINEERING ASSOCIATES

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**Project:**

**Pak American Fertilizers Ltd.**  
Pakistan



## Specifications

**Model : CFC 44439-302**

Type: Counter Flow, Induced Draft, Inline,  
Concrete Structured

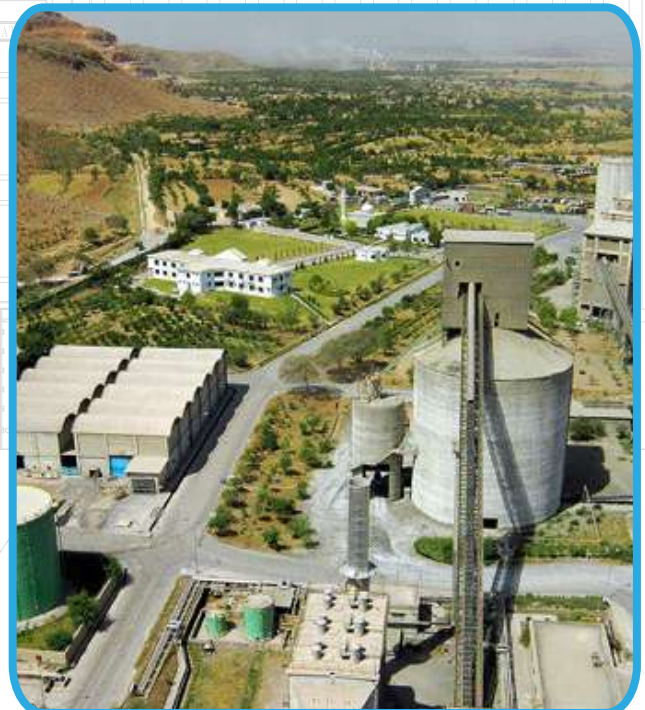
Numbers of cell : Two (02)

Water Flow Rate : 5,000 m<sup>3</sup>/hr

Hot Water Temperature : 43.0 °C

Cold Water Temperature : 33.0 °C

Wet Bulb Temperature : 30.0 °C



### INDUSTRIAL DEVELOPMENT & ENGINEERING ASSOCIATES

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**Project:**

**Dalda Foods Pvt. Ltd.**  
Karachi-Pakistan



## Specifications

### Model : TWI 370-103

Type: Induced Draft, Crossflow  
Tropical hardwood type

Numbers of cell : Three (03)

Water Flow Rate : 500 m<sup>3</sup>/hr

Hot Water Temperature : 40.0 °C

Cold Water Temperature : 32.0 °C

Wet Bulb Temperature : 30.0 °C



**Project:**

# Uch Power Plant

Balouchistan-Pakistan



## Specifications

### Model : CFC 525240-308

Type: Mechanical Induced Draft, Counter-flow,  
Reinforced Concrete Construction

Numbers of cell : Eight (08)

Water Flow Rate : 6,909 m<sup>3</sup>/hr

Hot Water Temperature : 37.00 °C

Cold Water Temperature : 26.50 °C

Wet Bulb Temperature : 19.48 °C



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**Project:****Ghotki Sugar Mills Ltd. (JDW)**  
Ghotki-Pakistan

## Specifications

### Model : CFC 565638-332

Type: Mechanical Induced Draft, Counter-flow,  
Reinforced Concrete, Inline Design.

Numbers of cell : Two (02)

Water Flow Rate : 7,760 m<sup>3</sup>/hr

Hot Water Temperature : 43.0 °C

Cold Water Temperature : 33.0 °C

Wet Bulb Temperature : 28.0 °C



## INDUSTRIAL DEVELOPMENT & ENGINEERING ASSOCIATES

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**Project:****United Sugar Mills Ltd. (JDW)**  
Sadiqabad-Pakistan

## Specifications

**Model : CFC 494392-332**Type: Mechanical Induced Draft, Counter-flow,  
Reinforced Concrete, Inline Design.

Numbers of cell : Two (02)

Water Flow Rate : 7,760 m<sup>3</sup>/hr

Hot Water Temperature : 43.0 °C

Cold Water Temperature : 33.0 °C

Wet Bulb Temperature : 28.0 °C



### INDUSTRIAL DEVELOPMENT & ENGINEERING ASSOCIATES

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**Project:**

# Unilever HPC Factory

Rahim yar Khan-Pakistan



## Specifications

**Model : TWI 473-203F**

Type: Induced Draft, Crossflow  
Pultruded FRP type

Numbers of cell : Three (03)

Water Flow Rate : 1000 m<sup>3</sup>/hr

Hot Water Temperature : 43.0 °C

Cold Water Temperature : 31.0 °C

Wet Bulb Temperature : 29.0 °C





**Project:****Basanti**

Mureedky-Pakistan



## Specifications

### Model : TWI 368-101

Type: Induced Draft, Crossflow  
Tropical hardwood type

Numbers of cell : One (01)

Water Flow Rate : 135.0 m<sup>3</sup>/hr

Hot Water Temperature : 40.0 °C

Cold Water Temperature : 32.0 °C

Wet Bulb Temperature : 29.0 °C



## INDUSTRIAL DEVELOPMENT & ENGINEERING ASSOCIATES

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**Project:**

**Basanti**

Mureedky-Pakistan



## Specifications

### Model : TCS 1200-2SB

Type: Counter Flow  
Pultruded FRP type

Numbers of cell : Two (02)

Water Flow Rate : 500 m<sup>3</sup>/hr

Hot Water Temperature : 40.0 °C

Cold Water Temperature : 32.0 °C

Wet Bulb Temperature : 29.0 °C





**Project:**

**Basanti**

Mureedky-Pakistan



## Specifications

**Model : TCS 400-2B**

Type: Counter Flow  
FRP structure type

Numbers of cell : Two (02)

Water Flow Rate : 160 m<sup>3</sup>/hr

Hot Water Temperature : 40.0 °C

Cold Water Temperature : 32.0 °C

Wet Bulb Temperature : 29.0 °C





**Project:****Lucky Cement Power Plant**  
Darra Pezu, KPK-Pakistan**Specifications****Model : CFC 303029-203**Type: Counter Flow, induced draft, inline,  
RC Concrete structure type

Numbers of cell : Three (03)

Water Flow Rate : 2,800 m<sup>3</sup>/hr

Hot Water Temperature : 41.0 °C

Cold Water Temperature : 33.0 °C

Wet Bulb Temperature : 29.0 °C

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**Project:**

# Gadoon Textile Mills

Swabi, KPK-Pakistan



## Specifications

**Model : ECS 1515F2-2600-4BM**

Type: Counter Flow  
Pultruded FRP type

Numbers of cell : Four (04)

Water Flow Rate : 1200 m<sup>3</sup>/hr

Hot Water Temperature : 42.0 °C

Cold Water Temperature : 32.0 °C

Wet Bulb Temperature : 28.0 °C



**Project:**

**Qarshi Industries (Pvt) Ltd.**  
Hattar, KPK-Pakistan



## Specifications

**Model : ECF 1717F3-1600-2B**

Type: Crossflow  
Pultruded FRP type

Numbers of cell : Two (02)

Water Flow Rate : 500 m<sup>3</sup>/hr

Hot Water Temperature : 48.7 °C

Cold Water Temperature : 31.0 °C

Wet Bulb Temperature : 28.0 °C





**Project:****Attock Refinery Limited**  
Pakistan

## Specifications

**Model : CSC 282833-163**Type: Mechanical Induced Draft Counter-flow,  
Inline Reinforced Concrete Structure

Numbers of cell : Three (03)

Water Flow Rate : 1,962 m<sup>3</sup>/hr

Hot Water Temperature : 43.0 °C

Cold Water Temperature : 32.0 °C

Wet Bulb Temperature : 29.0 °C



### INDUSTRIAL DEVELOPMENT & ENGINEERING ASSOCIATES

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**Project:**

**Lucky Energy Pvt. Ltd.**  
Karachi-Pakistan



## Specifications

**Model : ECS 22212-5400-4B**

Type: Mechanical induced draft  
Counter-Flow

Numbers of cell : Eight (08)

Water Flow Rate : 2,725 m<sup>3</sup>/hr

Hot Water Temperature : 37.7 °C

Cold Water Temperature : 32.2 °C

Wet Bulb Temperature : 29.4 °C



**Project:**

# Sapphire Fibres Limited

Bhai Pheru-Pakistan



## Specifications

### Model : TCS 300-1B

Type: Mechanical induced draft counter-flow

Numbers of cell : Two (02)

Water Flow Rate : 110 m<sup>3</sup>/hr

Hot Water Temperature : 47.6 °C

Cold Water Temperature : 33.0 °C

Wet Bulb Temperature : 29.0 °C



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**Project:****Shahtaj Sugar Mills**

Mandi Bahauddin, Punjab - Pakistan

**Specifications****Model : CSC 424241-262**

Type: Mechanical Induced Draft, Counter-flow,  
PP Opti-Grid Reinforced Concrete.

Numbers of cell : Two (02)

Water Flow Rate : 4,500 m<sup>3</sup>/hr

Hot Water Temperature : 40.0 °C

Cold Water Temperature : 32.0 °C

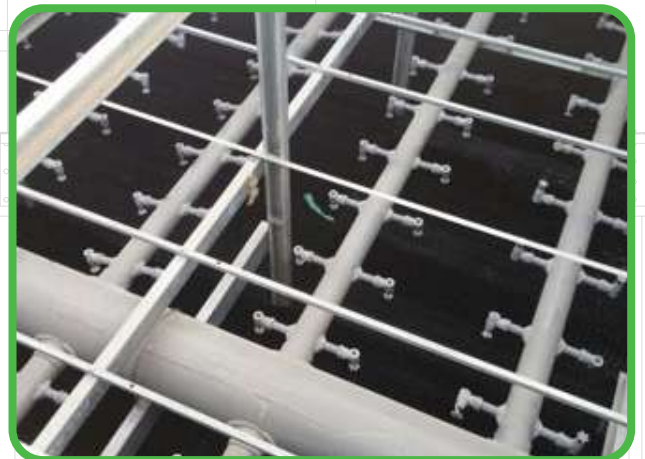
Wet Bulb Temperature : 28.0 °C

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**Project:****Islamabad High Court**  
Islamabad - Pakistan

## Specifications

### Model : TCS 400-2B

Type: Mechanical induced draft counter-flow

Numbers of cell : Two (02)

Water Flow Rate : 218 m<sup>3</sup>/hr

Hot Water Temperature : 38.0°C

Cold Water Temperature : 33.0°C

Wet Bulb Temperature : 30.0°C



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**Project:****Yunus Energy Limited**  
Karachi - Pakistan

## Specifications

### Model : ECS 1616G3-2B

Type: Mechanical induced draft counter-flow

Numbers of cell : Two (02)

Water Flow Rate : 680 m<sup>3</sup>/hr

Hot Water Temperature : 41.0 °C

Cold Water Temperature : 33.0 °C

Wet Bulb Temperature : 30.0 °C



## INDUSTRIAL DEVELOPMENT & ENGINEERING ASSOCIATES

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**Project:**

# Guddu Power Plant

Kashmore - Pakistan



## Specifications

### Model : TCS 1500-2SB

Type: Mechanical induced draft counter-flow

Numbers of cell : Two (02)

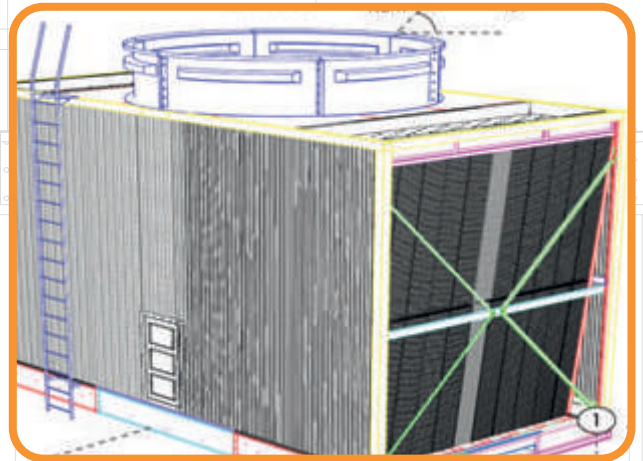
Water Flow Rate : 1,320 m<sup>3</sup>/hr

Hot Water Temperature : 42.0 °C

Cold Water Temperature : 35.0 °C

Wet Bulb Temperature : 28.0 °C



**Project:****Pepsico**  
Multan-Pakistan

## Specifications

### Model : EXS 0812F-1B

Type: Rectengular, Induced Draft, Crossflow

Numbers of cell : One (01)

Water Flow Rate : 218.6 m<sup>3</sup>/hr

Hot Water Temperature : 37.0 °C

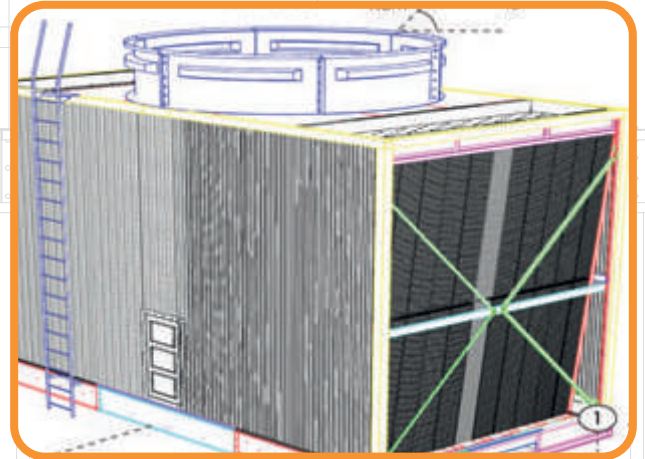
Cold Water Temperature : 32.0 °C

Wet Bulb Temperature : 29.0 °C



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**Project:****Pepsico**  
Multan-Pakistan

## Specifications

### Model : EXS 0707X-1B

Type: Rectengular, Induced Draft, Crossflow

Numbers of cell : One (01)

Water Flow Rate : 14.8 m<sup>3</sup>/hr

Hot Water Temperature : 39.0 °C

Cold Water Temperature : 32.0 °C

Wet Bulb Temperature : 29.0 °C





**Project:****Eithad Cogeneration Project**  
Karachi-Pakistan**Specifications****Model : CFC 393936-246**Type: Reinforced Concrete Construction  
PVC Film Filled

Numbers of cell	: Six (06)
Water Flow Rate	: 2,725 m <sup>3</sup> /hr
Hot Water Temperature	: 43.0 °C
Cold Water Temperature	: 33.0 °C
Wet Bulb Temperature	: 28.0 °C

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