

# دوكاب Ducab

advanced cable solutions



[www.ducab.com](http://www.ducab.com)

## EMPOWERING LIVES

---

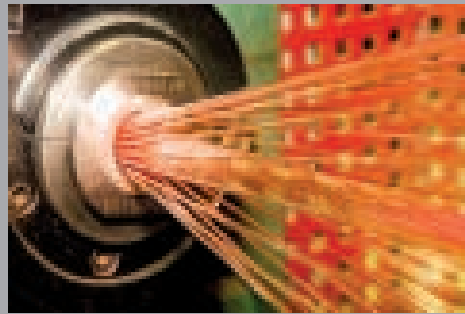
Ducab is jointly owned by the Governments of Dubai and Abu Dhabi (50% each) and has one of the most modern manufacturing units in the region. It occupies an area of 590,000 square meters of land in Jebel Ali, Dubai and nearly 330,000 square meters in Mussafah, Abu Dhabi. Today, Ducab produces over 110,000 copper tonnes equivalent of low, medium and high voltage cables, emerging as the leader and the first choice of prestigious customers in the Middle East and beyond.

Ducab's product range covers High Voltage cables up to 132kV, Medium Voltage cables up to 33kV, lead-sheathed cables, Low Voltage power cables, Control & Auxiliary cables, PVC wiring cables, Low Smoke and Fume cables, Fire Resistance cables,

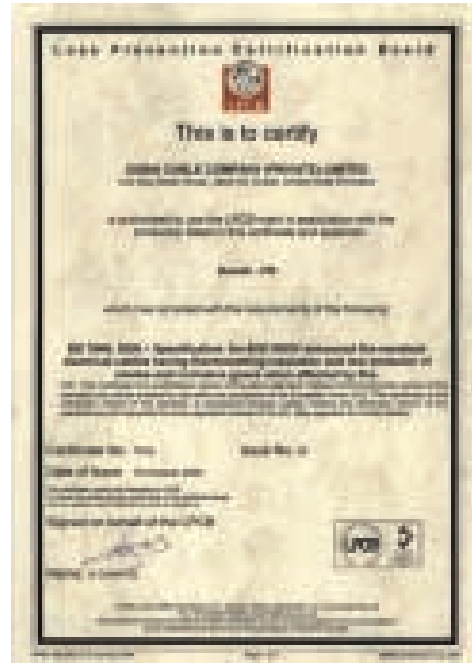
Flexible cables, Instrumentation and Pilot cables.

The latest addition to the product range is the high quality copper rod produced from Ducab's state-of-the-art copper casting plant – the first of its kind in the UAE. The facility opened in 2008, and will satisfy the growing needs of Ducab as well as that of its customers around the region and the world.

As a regional leader, Ducab was one of the first UAE organisations to achieve ISO 9001 and the first in the region to achieve ISO 14001 environmental certification. Ducab's product range is type-tested and approved by international agencies such as Lloyd's Register, LPCB, KEMA, BASEC and ESMA.



## THE QUALITY YOU CAN TRUST



Since its inception in 1979, Ducab has promoted the need of supplying quality products and took the leadership in supplying quality products. Ducab was honoured with Dubai Quality Award in 1994, followed by DQA gold category in 1998 and second gold award in 2004. Ducab quality management system is certified to ISO 9001, Environmental management system to ISO 14001 and Health & Safety system to OHSAS 18001.



**BICC**



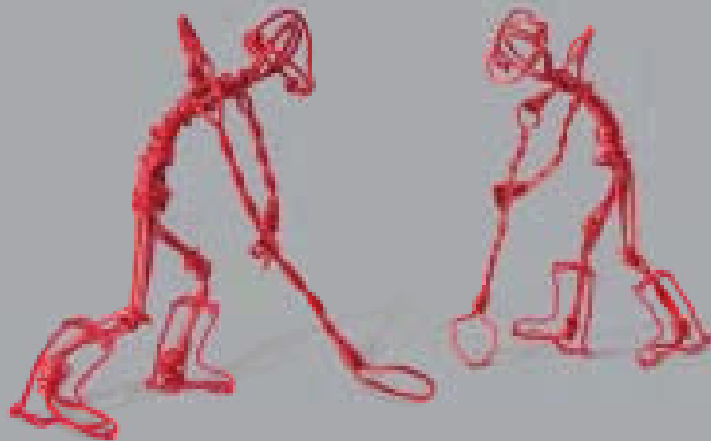
**KEMA**



## THE FORCE BEHIND OUR SUCCESS

---

The true force behind Ducab's achievements is its "Spirited and Passionate People". With over 20 nationalities, this multi-faceted and multi-cultural environment attracts the best talent from UAE and abroad. Experienced and highly skilled employees operate modern and technologically advanced equipment, and conduct extensive testing at every phase of production. In support of the local community, Ducab's unique UAE National Development Program (NDP) provides Emirati employees with exciting careers and training opportunities. Comprehensive training programmes have also been devised for every employee to help them in their career and personal development. Leading the change, Ducab proudly serves its prestigious customers with advanced cable solutions in a rapidly changing world.



## PRODUCT RANGE

### High Voltage Cables

Voltage grades up to 132 kV  
Super-clean XLPE insulated  
Type test certificate by KEMA



1C x800mm<sup>2</sup> 132 kV High Voltage Cable

### Medium Voltage Cables

Made to IEC 60502-2 specifications and can be manufactured as per client specific requirements The standard voltage grades include:

- 3800/6600V
- 6350/11000V
- 8700/15000V
- 12700/ 22000V
- 19000/33000V



3 core 240 mm<sup>2</sup> 33 kV armoured (also available with unarmoured)

22 kV single core copper conductor aluminum wire armoured

### Leadsheath Cables

- The Leadsheath provides protection against corrosive attack and ingress of harmful fluids into the cable
- Manufactured to EEMUA and IEC guidelines for oil, gas and petrochemical sector



4C 240mm<sup>2</sup>, 11kV Leadsheathed

### Low Voltage Cables

- For voltage range 600/1000V
- 1900/3300V systems to IEC and BS specifications
- Operating temperature up to 90° C



4c x 185mm<sup>2</sup> Low Voltage Cable

### Fire Resistant Cables

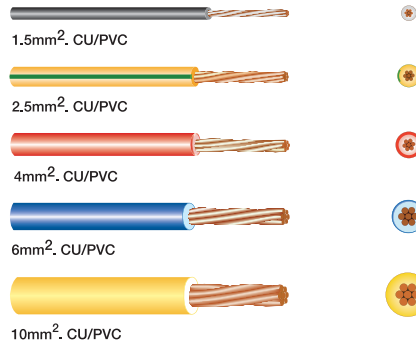
- Conforms to requirements F-2 of BS 7846 and C-W-Z of BS 6387
- Cables type tested and certified by Lloyd's Register, UK



Fire performances Cables

### Building Wires

- Manufactured in sizes of 1.5 mm<sup>2</sup>/ 2.5mm<sup>2</sup>/ 4 mm<sup>2</sup>/ 6 mm<sup>2</sup>/ 10 mm<sup>2</sup>
- Rated 450/750V as per BS 6004
- Operating temperature up to 70° C
- Manufactured to higher temperature PVC



### Instrumentation and Pilot Cables

**Type 1** Unarmoured Cables-Single and multi-pairs, PE Insulated, overall screened or individual and overall screened, PVC outer sheath

**Type 2** Armoured Cables-Single and multi-pairs, PE Insulated, overall screened or individual and overall screened, Armoured, PVC outer sheath

**Type 3** Lead Sheath Cables-Single and multi-pairs, PE Insulated, overall screened or individual and overall screened, lead alloy; armoured, PVC outer sheath



Instrumentation cable

### Cable components and accessories

Ducab offers a wide range of Low and Medium Voltage cable accessories

- Joints & Terminations
- Cleats & Cable Fixings
- Connectors & Tooling
- Cable Glands



### Copper wires and rods

The latest addition to the product range is the high quality copper rod produced from Ducab's state-of-the-art copper casting plant – the first of its kind in the UAE. Copper rods are produced using Contirod technology. In addition to copper rod, we also manufacture and sell drawn wires and stranded conductors.



### Type Test and Product Type Approvals

- HV/MV power cables - By KEMA
- LV Power cables - By Lloyd's Register & BASEC
- LV control - By Lloyd's Register and BASEC
- Building wires - By Lloyd's Register & BASEC
- Fire resistant Cables - By Lloyd's Register & BRE, LPCB & Dubai Civil Defense Authority
- Emirates Quality Mark - By ESMA



### Going Global



## KEY PROJECTS

---

Ducab advanced cable solutions have laid the foundation for projects in various sectors like Infrastructure & Construction, Utilities and Oil, Gas & Petro chemicals (OGP).



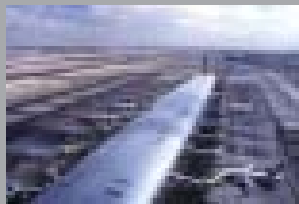
Bahrain F1 International Circuit



Burj Dubai



Grand Mosque - Abu Dhabi



Dubai International Airport



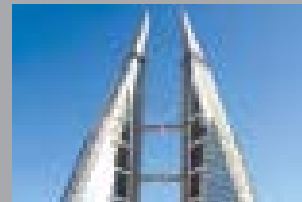
Oil Refinery



Emirates Palace Hotel - Abu Dhabi



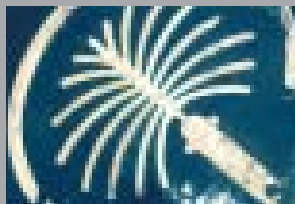
Bahrain City Centre



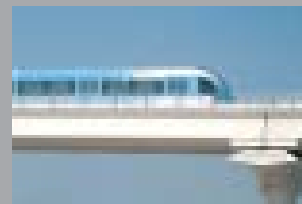
Bahrain Financial Towers



Burj Al Arab - Dubai



Palm Jumeirah - Dubai



Dubai Metro

## KEY CLIENTS

- Hyundai Engineering
- Chiyoda Technip JV
- Qatar Petroleum
- Doosan Heavy Industries
- Siemens A.G.
- Toshiba Corporation
- Bechtel
- Saudi Electric Co.
- ETA Ascon, UAE
- ABB T&D
- Larsen & Toubro Ltd.
- Drake & Scull International
- Areva T&D
- Laing O'Rourke. UAE
- Snamprogetti Spa
- Dodsai, UAE
- Gulf Leighton Group
- Saudi Aramco
- Danway
- Comsip Alali, Bahrain
- Abu Dhabi National Oil Company (ADNOC)
- Petroleum Development of Oman (PDO)
- Abu Dhabi Water & Electricity Authority (ADWEA)
- Dubai Water & Electricity Authority (DWEA)





**Ducab Head Office and Factory**

P.O. Box: 11529, Dubai, U.A.E  
Tel: +971 4 808 2500  
Fax: +971 4 808 2511  
Email: ducab@ducab.com

**Ducab - Abu Dhabi  
Sales Office (ADSO)**

P.O. Box: 9171, Abu Dhabi, U.A.E  
Tel: +971 2 502 7777  
Fax: +971 2 502 7890  
Email: ducab@ducab.com

**Ducab - Northern Emirates  
Sales Office (NESO)**

P.O. Box: 683, Dubai, U.A.E  
Tel: +971 4 266 7400  
Fax: +971 4 266 8955  
Email: ducab@ducab.com

**Ducab - Oman**

P.O. Box: 3542, 112 Ruwi, Muscat,  
Sultanate of Oman  
Tel: +968 245 651 78  
Fax: +968 245 643 02  
Email: ducabomn@omantel.net.om

**BICC MET W.L.L. - Bahrain**

P.O. Box: 11413, Manama,  
Kingdom of Bahrain  
Tel: +973 177 497 61  
Fax: +973 177 280 27  
Email: biccmet@batelco.com.bh

**JBK DUCAB W.L.L - Qatar**

P.O.Box 14039, Doha, Qatar  
Tel: +974 442 1924  
Fax: +974 441 9003  
Email: mail@jbkducab.com.qa