# SPECIAL CHOICE L.L.C.

## *BUILDING MATERIALS MIDDLE EAST*

Contact: Mr. Dilip Lalit Kundani, *Director Operations*
+97150 7591318 or sales@scuae.com

TEL: +971 4 3338127
FAX: +971 4 3338126

E-MAIL: spchoice@emirates.net.ae

WEB URL: **www.scuae.com**

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# C L I E N T E L E

- **Engineering & Construction**
- **Automotive Industry**
- **Drilling & Well Building**
- **Chemical Industry**
- **Power Plants**
- **Research & Technology**
- **Architecture**
- **Food Industry**
- **Air Craft & Aerospace Industry**
- **Oil & Gas Industry**
- **Pharmaceutical Industry & Biochemistry**
- **Pneumatic Conveyor Systems**
- **Pumps**
- **Ship Building Industry**
- **Environmental Technology**

# QUALITY ASSURANCE P

*We employ the following testing procedure for ensuring effective quality in our product range:*
***CERTIFICATIONS***

- **Raw Material Testing**
  The raw materials, which are used to manufacture our range of fittings and other allied products, are tested to ensure requisite chemical and mechanical properties. For this, we use approved measuring instruments.

- **Dimensional Inspection**
  Each flange and fitting is checked for dimensional accuracy using calibrated measuring instruments offered by government approved calibration agencies.

- **Hydro Test Up To 15000 PSI**
  Various types of fittings, flanges and valves are tested at a proposed static pressure for a specified time period to ensure no leakage.

- **Vibration Test**
  We facilitate vibration test for fittings and valves, in which these products are tested for severe vibration under impulse pressure to ensure no leakage.

# TESTING STANDARDS & PR

*We offer special tests desired by our clients. These entire tests are certified by our quality control department. Some of these tests include:*

- **Pneumatic Gas Test**
  The compressor & threaded fittings and valves are subjected to pneumatic tests at 150 PSI air pressure and 2000 PSI nitrogen pressure. This test is carried out after hydro testing.

- **Helium Gas Test (Hg-test)**
  We provide this test on special demand of our clients.

- **Pressure Cycle Test**
  Our range of fittings and valves is subjected to pressure cycle test, which is carried out from 0 PSI to 5000 PSI. Using digital counters, we conduct the test at the rate of 25 to 45 cycles per minute.

- **Temperature Test**
  We provide temperature test for fittings and valves on special request from clients. In this test the fitting & valves are heated up to 350 °C for one complete cycle of 4 hours.

# P R O D U C T S & I N F O R M A

- **PIPES – Standard & Line Pipe : CARBON, ALLOY & STAINLESS STEEL**
  - SMLS Seamless Pipe
    - ✓ *Specification → API 5L, API5A, PSL1, PSL2, ASTM, A106, A53*
    - ✓ *Dimensions → OD to 28", WT to 4"*
    - ✓ *Grades → X42 – X80*
    - ✓ *Standards → API, ASTM, DIN, ISO, NFA, EN, EEMUA, DNV*
  - Welded ERW Pipes
    - ✓ *Spiral → Continuous Weld, SAW & DSAW, HFI, CDW, EFW*
    - ✓ *Standards → API 5L, ASTM, AWWA, API 5L*
    - ✓ *Available in various Class, Grade, OD, Wall Thickness*

- **Tabular Products – Available in SMLS Seamless and Welded ERW Tubes**
  - Material - *Stainless Steel, Nickel Allow, Duplex*
  - Products - *Pipe Fittings, Flanges, Connections, Couplings etc.*
  - Accessories - *Handling Equipment, Shrink Sleeves, Bends, Elbows, Tee's, Liners, Repair Equipments*

- **Pipe Fittings – Butt-weld Fittings, Threaded Fitting, SMLS Fittings, BSPT Elbows / Return Bend / Tee / Reducers**
  - Fittings - *45, 90, 180, Reducer, Coupling, Caps, Tee, O-Lets, Unions, etc*
  - Dimensions - *OD ¼" – 102"*
  - Schedule - *10-XXH 150# - 9000#*
  - Grades - *WPB, WPC Y42, Y65, WP11, WP22, WP91, F304, F347*
  - Type - *ASTM A-105, ASTM A-182, 304, 304L, 316, 316L, 150#, 300#, 2000#, 3000#, 6000#*

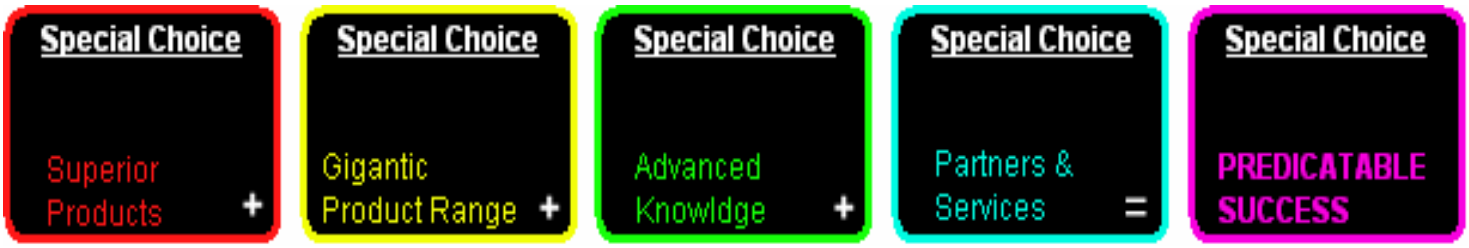
- **Pipe Flanges – Lap Joint, Slip-On, Welding Neck, Blind Flanges, SCRD**
  - Dimension - *OD 1/8" – 102"*
  - Grades - *F5, F91, Y42, Y65, F304, F347*
  - Schedule - *10-XXS 150# - 2500#, SA-105, SA-182, SA-350, SA-694*

- **Strainers – Y-Type, Tee, Basket, Flat etc.**

- **Fasteners, Bolts, Studs & Gaskets –**
  - Threaded, Double-End, Tap-End, Combination, Screws

- **King Nipple, Swedge Nipples, Hex Nipple**
  - Grooved Transition / Plain Both Ends
  - Beveled Both Ends / Threaded One End

# P R E D I C T  S U C C E S S




**Predictable success comes from having a comprehensive set of correlated design tools. But it's more than that. It's having the confidence in those tools to make room for innovation. It's creatin g market opportunities instead of simply responding to market trends. It's differentiating your products and, ultimately, maximizing your profitability.**

**Today, you need solutions that work seamlessly together to eliminate wasted time and resources caused by costly iterations. You need tools that solve complex design problems concurrently. You need a fully integrated platform that automatically and simultaneously optimizes for things like speed, low power consumption, and reliable yield. In short, you need to predict success.**

# SPECIAL CHOICE L.L.C.

***Building Materials Middle East***

## & Provides Tools to Succ

**TAIWAN <> EUROPEAN <> CHINA <> UK <> USA**