



OGDCL PAKISTAN:  
OIL & GAS DEVELOPMENT  
COMPANY LIMITED

## KPD-TAY Compression Project (Phase-II)

**ISSUED FOR TENDER**

REV	DATE	DESCRIPTION	ORIG	CHKD	LE	QA	PM	LOCAL REPR.	PROJ. MAN
0	6-1-2022	ISSUED FOR TENDER	HB	MD	KM	MPM	MAS		
A	29-10-2021	ISSUED FOR REVIEW	HB	MD	KM	MPM	MAS		
REVISIONS			APPROVAL					CLIENT APPROVAL	



ENAR Petrotech Services (Pvt.) Limited ,  
7-B , Sector 7-A , Korangi Industrial Area ,  
Karachi Pakistan

TITLE:

### SPECIFICATION FOR GLAZING

PROJECT NO.  
14-0258

DOCUMENT NO:

**0258 – CA – 7013 – 0**



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**KPT-TAYCOMPRESSION PROJECT**  
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## 1.0 **GENERAL**

- Material for glazing shall be obtained from an approved manufacturer.
- Glazing sealant shall be as recommended by the manufacturer for the particular application.
- Spacer shims (distance pieces) shall be elasticized polyvinyl chloride (PVC). Thickness shall be equal to space shown on drawings between glass and rebates bead or cleat. Depth shall give not less than 6mm cover of glazing sealant.
- Samples for each type of glass, glazing sealant, glazing gasket, etc., and manufacturer installation procedure shall be submitted for OGDCL / OGDCL's Representative's approval.
- The British Standard document referred in this Section is BS 952.

### 1.1 **Tinted Glass**

Tinted glass shall be flat-drawn clean sheet glass of best quality foreign manufacturer (USA + Sweden) with 5mm / 6mm thick glass depending on the panel size, complying with B.S. 952 of CP.152 and approved by the OGDCL / OGDCL's Representative.

### 1.2 **Plate Glass**

Plate glass shall be cast, rolled or drawn glass ground and polished on both surface complying with BS.952, Sec. 1.

### 1.3 **Obscured Glass**

Obscured glass shall be figured rolled glass complying with BS.952, Sec. 2.

### 1.4 **Sheet Glass**

Sheet glass shall be flat-drawn clean sheet glass of best quality locally manufactured with 3 mm / 5 mm thick glass depending on the panel size, complying with BS 952 of CP 152 and approved by the OGDCL / OGDCL's Representative.



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**1.5 Mirror Glass**

Mirror glass shall be of best Silvering Quality (Foreign made) polished plate glass silvered on one side, copper-backed, varnished and painted complying with BS 952 ref. 6a(iii) and of the thicknesses previously given. Edges of mirrors shall be leveled, and shall be approved by the OGDCL / OGDCL's Representative.

**2.0 MATERIAL**

2.1 Glass shall be free from all blemishes, bubbles, distortions and other flaws of any kind and shall be properly cut to fit the rebates so as to have a uniform clearance all glass shall be best quality from reputable manufacturer as approved by OGDCL / OGDCL's Representative.

**3.0 PUTTY**

- Putty shall only be used when specified in the specification or as directed by OGDCL / OGDCL's Representative.
- Putty for glazing to metal shall be tropical grade metallic, glazing quality and approved by OGDCL / OGDCL's Representative.

**4.0 GLAZING BEADS**

- Wooden glazing beads shall be of good quality deodar/golden teak, splayed and rounded to and neatly mitred and bradded.
- Metal beads shall be supplied with metal windows and doors and these shall be sprung or screwed on according to design.

**5.0 GLAZING TO METAL WITHOUT BEADS**

- The rebate shall be previously treated either by rust proofing or priming as described elsewhere and the bedding putty inserted. The glass shall be embedded in the putty and secured by pegs or clips inserted in holes in the rebates.
- The front putty shall be inserted to form a triangular mitred filling from the edge of the rebate to 2mm back from the sight line. The bedding putty shall be trimmed off level with the sight line to form neat back putty. When the putty has hardened



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sufficiently, the painting shall be carried out and care shall be taken to seal the joint between putty and glass by painting up to the sight line.

**6.0 GLAZING TO METAL WITH BEADS**

The rebates shall be previously treated by rust proofing or priming as described elsewhere and the bedding putty inserted. The glass shall be embedded in the putty and secured by the beads. The bedding putty shall be trimmed off level with the sight line to form a neat back putty and painting shall be carried out.

**7.0 GLAZING WITHOUT PUTTY**

Where specified, wash leather, ribbon velvet, flannel, felt, asbestos or similar materials shall be used in place of putty for internal glazing, in conjunction with beads. The material should be fitted so that it covers all parts of the glass which will be covered by the rebate and bead.

**8.0 MIRRORS**

- Mirrors shall be fixed to walls with compressive spacers, fibre washers and chromium plated dome-headed screws, screwed into prepared plugs let into walls and set flush with surrounding wall finish.
- Mirrors used as wardrobe doors or as wall linings are to be bedded with an approved mastic on a painted blackboard backing not less than 12mm (½") thick to walls and 18mm (¾") thick to doors. Glass sizes will be whole size to doors and minimum 900mm (3'0") wide to wall linings unless otherwise detailed, and backings continuous where possible. Joints in backings must coincide with joints in mirrors.

**9.0 INSTALLATION OF GLAZING**

- Glazing shall comply with the manufacturer's recommendations contained in the "Manual of Glazing" of the Glass Marketing Association or as specifically recommended otherwise by the glass and glazing materials manufacturers.
- All glazing shall be wind tight and fully water tight on completion.
- Clean glazing channels and other framing members indicated to receive glass. Remove coatings which are not firmly bonded to the substrate, Remove lacquer



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from metal surfaces wherever elastomeric sealants are to be used. Apply primer and sealer to joint surfaces wherever recommended by the sealant manufacturer and as shown on the drawings.

- Trim and clean excess glazing materials from surrounding surfaces immediately after installation and eliminate stains and discolorations.
- Cure glazing sealants and compounds in compliance with manufacturer's instructions to obtain high early bond strength internal cohesive strength and surface durability.
- No glazing shall be considered complete until and unless paint and other stains have been removed from the surface of the glass and checked by OGDCL / OGDCL's Representative for water tightness.

**10.0 CLEANING, ETC.**

The Contractor shall replace all scratched, cracked or broken glass and clean all glazing on both sides and all mirrors before handing over.