

**PREPARATION & FIXING OF THERMAL INSULATION INSIDE THE COMPARTMENTS & CAPSULE  
OF INS SINDHUKIRTI(MR) Qty. - 950 SQ. MTRS. APPROX**  
**SEQUENCE OF WORK**

**Ref:** Stage 2 drg. S. Nos. 722 , 723, 2134, 2338: Stage 1 drg S. No. 2358, 2361; RTDL S.No. 6331 to 6337

S.No.	Activities	To be carried out by
1.0	<b>Preparatory works prior to fixing of thermal insulation:</b>	
1.1	Complete repairs/renewals of PH /hull glands/cable glands and welding of clamps for piping and other systems.	HSL
1.2	Grit blasting and primer application after completion of all hot works.	Painting dept
1.3	Cut the thermal insulation slabs into required sizes and set at the places. At curvature and uneven surfaces take templates and prepare the insulation slabs.	Sub contractor
2.0	<b>Fixing of thermal insulation inside the all 6 nos compartments and capsule:</b>	
2.1	Primer surface to be cleaned with water and cloth.	Sub contractor
2.2	Application of MAS 83 adhesive on metal surface as well as insulation slabs with palette-knife or brush in one direction to avoid air bubbles.	Sub contractor
2.3	The slab is to be fixed on the metal surface by using proper clamping, wooden shoring and wedges. Fixing of insulation slabs on places at Relative humidity less than 70%.	Sub contractor
2.4	Hold the insulation in fixing position for 3 days. Fill up the gaps of joints, dents and cutting, gaps around the electrical coamings, pipe sockets, flanges, clamps etc., to obtain even surface by applying mastic compound and cover with adhesive tape/dress up with Emery / flint paper.	Sub contractor

2.5	Adhesive glue to be applied on top surface of the slab as well as on the canvas cloth with brush. Canvas cloth is to be fixed on the insulation surface area after attaining the sufficient drying time.	Sub contractor
2.6	MAS 136 vapour barrier is to be applied on canvas cloth with brush 2 to 3 coats at interval of 3 to 4 hours.	Sub contractor
2.7	After drying apply one coat of pale cream paint.	Painting dept
3.0	<b>As fitted drawing:</b>	
3.1	Preparation of as fitted drawing of new thermal insulation with details on computer to be made and 6 hard copies with soft copy to be submitted.	Sub contractor

**PREPARATION, FIXING OF SOUND INSULATION AND ALUMINUM LINING INSIDE THE COMPARTMENTS  
OF INS SINDHUKIRTI (MR) Qty. - 180 SQ. MTRS. APPROX**

**SEQUENCE OF WORK**

Ref: Stage 2 drg. S. Nos. 2133, 2354, 2355; RTDL S.No. 4551

S.No.	Activities	To be carried out by
1.0	<b>Preparatory works prior to fixing of sound insulation:</b>	
1.1	Complete repairs/renewals of PH /hull glands/cable glands and welding of clamps for piping and other systems.	HSL
1.2	Erection and welding of MS sections for fixing aluminum sheets..	Sub contractor
1.3	Grit blasting and primer application after completion of all hot works.	Painting dept.
1.4	Prepare the sound insulation slabs into required sizes and set at the places.	Sub contractor
2.0	<b>Fixing of sound insulation and aluminum lining inside compartments :</b>	
2.1	Primer surface to be cleaned with water and cloth.	Sub contractor
2.3	Application of adhesive on metal surface, secure the sound insulation with fastening as per drg.	Sub contractor
2.4	Cut the aluminum sheets to suitable sizes , provide holes for electrical coamings, pipe sockets, flanges, clamps etc., Drill holes on aluminum sheet along with MS sections for securing with self tapping screws.	Sub contractor
2.5	Fix the rubber sheet packing on to MS section and fit the aluminum sheets.	Sub contractor
2.6	Painting of aluminum sheets as per the paint scheme.	Painting dept