






MTO FOR STEAM TRACING

PROJECT NAME: CRUDE OIL TANK TO AR TANK MODIFICATION

No.	Description	Unit	Total Q'ty	Remarks
1	Steam tracing Seamless Copper tube (Bare), thickness $\geq 1\text{mm}$	m	3,436	
2	Steam tracing Pre-Insulated Copper tube, Copper thickness $\geq 1\text{mm}$	m	1,619	
3	Band size (10x0.4)mm; Stainless steel	m	4,008	
4	Clamp for Band, Stainless steel	pcs	2,939	
5	Conector Cu Size 1/2", NPT	pcs	389	
6	Union Cu Size 1/2", NPT	Pcs	202	
7	Tee Cu Size 1/2", NPT	Pcs	35	
8	Unistrut Channel C41x41x2.5, HDG, No hole	m	112	
9	Unistrut Clamp Fi 31, HDG (Including 1 set bolt and nut)	Pcs	672	

