

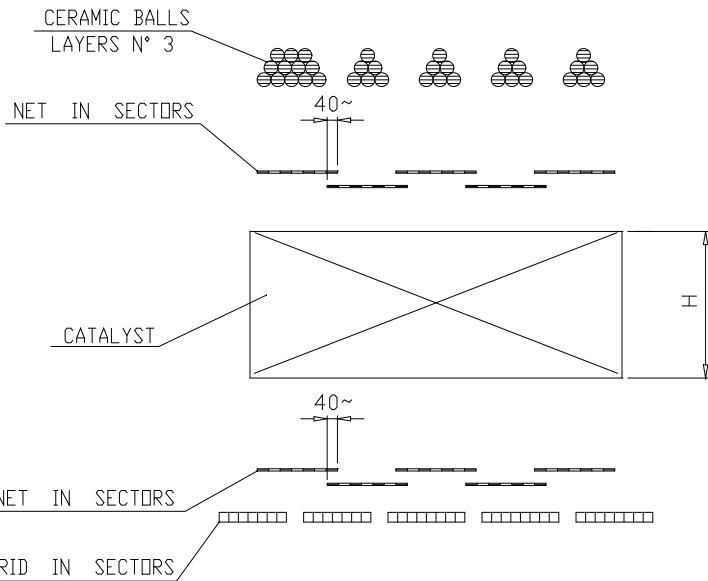
FILLING MATERIALS

1

CUSTOMER SUPPLY			BALLS QUANTITY		
CATALYST TYPE/QUANTITY					
BED N° 1	XLP 220 / dm3 1460		BED N° 1	dm3 191	kg 250
XLP 220-TOT. VOLUME dm3 1460			BED N° 2	dm3 191	kg 250
BED N° 2	XLP 110 / dm3 1760		BED N° 3	dm3 191	kg 250
BED N° 3	XLP 110 / dm3 1400		BED N° 4	dm3 191	kg 250
BED N° 4	XLP 110 / dm3 1400		BALLS TOT.	dm3 764	kg 1000
XLP 110-TOT. VOLUME dm3 5040			BALLS MATERIAL = CERAMIC SIZE Ø 1" kg / m3 1.250 QUANTITY Sp / m3 70.000 PRODUCER " RAUSCHERT "		
CATALYST PRODUCER "MONSANTO"					
SPEC. GRAVITY 0,6 kg/dm3					

REMARKS

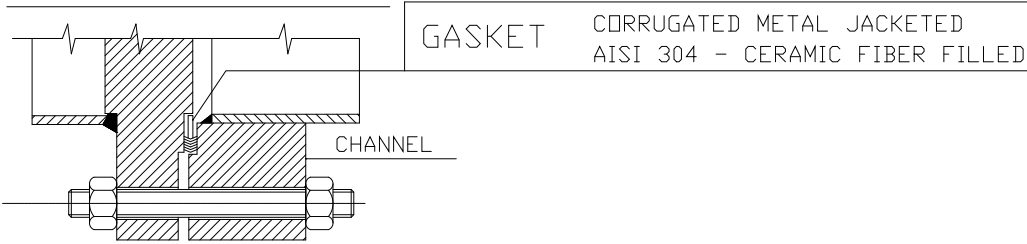
1) ASSEMBLY THE CHANNEL POS.6 OF DETAIL "X" (IN OPERATION) AND TIGHTEN THE STUDBOLTS WITH DYNAMOMETRICAL KEY



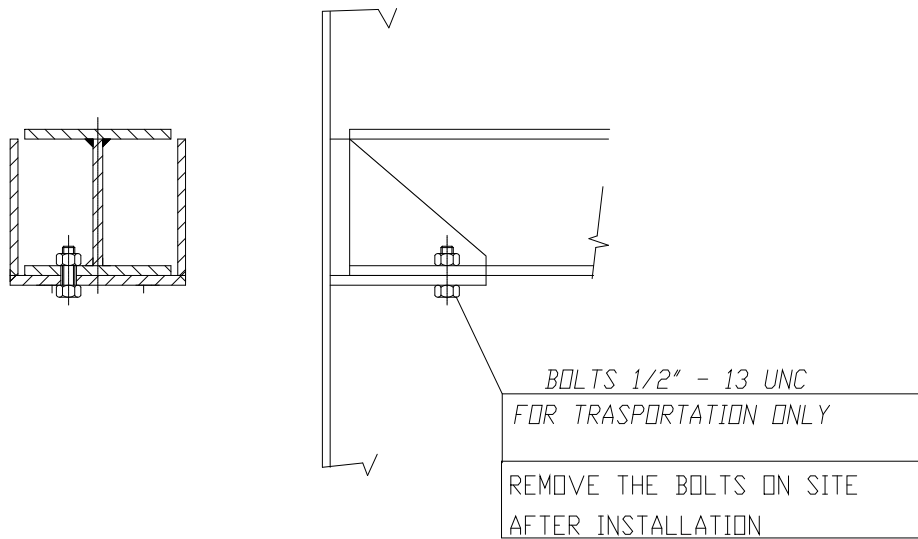
PHASE SEQUENCES FOR THE CATALYST BEDS ASSEMBLY

- 1) THROUGH THE RELATED MANHOLE, PLACE THE GRID SECTORS ON THE SUPPORTING BEAMS.
- 2) LAY UPON THE GRID THE NET SECTORS, AND SURMOUNT THEM BY 50mm
- 3) PLACE AGAINST THE INTERNAL WALL OF THE TOWER FOUR LAYERS OF INSULATING COATINGS. TAKE CARE TO OFFSET THE VERTICAL JUNCTIONS OF THE FIRST LAYER RESPECT TO THOSE OF THE SECOND.
- 4) TO FILL WITH TYPE AND QUANTITY OF CATALYST, AS INDICATED IN THE TABLE.
- 5) SPREAD THE NET SECTORS, SURMOUNTING ALWAYS BY 60mm EACH OTHER, ON THE LEVELLED CATALYST.
- 6) TO DISTRIBUTE UNIFORMLY ON THE NET A QUANTITY OF CERAMIC BALLS AS INDICATED IN THE TABLE.
- 7) INSERT THE INSULATING SEPTUM IN THE MANHOLE NOZZLE, THEN PLACE THE GASKET AND CLOSE WITH THE RELATED COVER.

DETAIL "Y" IN OPERATION



TYPICAL DETAIL "K"



1	ISSUED FOR BID - REVISED WHERE INDICATED	①	A.S. 17/11/09
0	ISSUED FOR BID		A.S. 03/11/09
REVISION Revisione	REVISION HISTORY Storia delle revisioni	DRAWN Autore	DATE Data
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<div><div></div><div>desmet ballestra</div></div> <div>Desmet Ballestra s.p.a. MILANO - Italy</div>		<div>DRAWING Nr. / Disegno Nr. 1E35-35-005-2</div> <div>CUSTOMER Nr. / Nr. Cliente ■</div>	
JOB Commessa	1E35	SHEET Foglio	2 / 3
PLANT Impianto	SULPHUREX	SCALA Scala	-
TITLE Titolo	SO2 - S03 CONVERTER	ITEM Posizione	12C1
		REFERENCE DWG. Riferimento dwg.	1D17-35-012-2
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