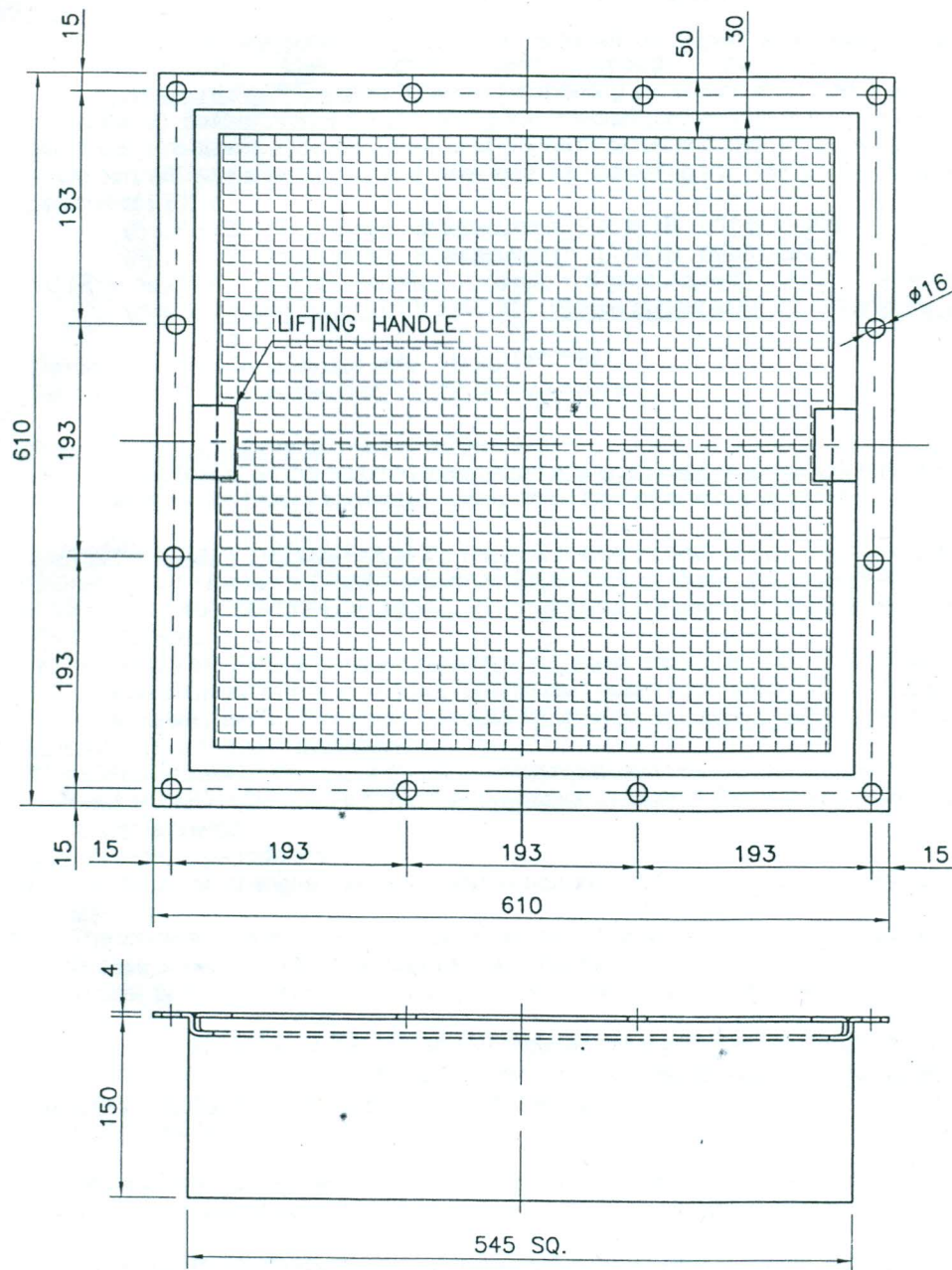


## Pre filter (Rough) flange type

1. SIZE : 610×610×150 mm
2. CAPACITY : 3400 m<sup>3</sup>/hr
3. MEDIA: Must be manufactured from 100 % synthetic filter medium which comprises of multiple layers of woven HDPE mesh. The entire media must be washable with plain water & reusable after wash and dry.
4. CONSTRUCTION: Each filter comprises of a large area of filter medium pleated over tubular aluminium/steel wire spacers to form deep folds. The spacers provide rigid support to the filter medium and maintain uniform spacing between the folds of filter medium. Each folds forms an even air flow channel resulting in uniform distribution of air flow and dust loading throughout the depth of fold. The filter pack is sealed inside a sheet metal casing to make a rigid modular filter unit. Prefilter (rough) is available in a number of sizes and casing material. The filter is available with flanges on one side or in box type construction.
5. PERFORMANCE RATING: \*AEROSOL PREFILTER (Rough) has particulate removal efficiency 80-85 % for particles of lower size threshold 5 micron by number count method. (Equivalent to 90 % for particles of MMD 10 micron by gravimetric method).
6. MEDIA TO BE HANDLED: Ambient air around horizontal belt filter.
7. Initial Resistance: 6.5 mm WG
8. Gasket: Closed pore soft gasket. Gasket shall be provided on the underside of the flange.
9. Packing: The whole unit shall be packing good quality cartoon with cardboard packing on both the sides to avoid damage during transit.
10. Air flow must be marked on filter body.

*P. R. K. Singh*

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PRE - FILTER



URANIUM CORPORATION OF INDIA LTD. TURAMDIH MINES  
(A GOVT. OF INDIA ENTERPRISE, DEPT. OF ATOMIC ENERGY)

DRN.	Rajesh	24.11.15	TITLE
CHECKED	Karthikeyan P.		
APPROVED	<i>[Signature]</i>		
SCALE	1:6		
DIMENSIONS IN MM			

PRE - FILTER FOR HBF

DRG.NO.-UCT-2/CHEM/FILTER/00A