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DELHI DEVELOPMENT AUTHORITY  
( EM's Office )

No.EM.1(10)/83/5 116      5th April, 1991

STANDING INSTRUCTION No.325

Sub: Laying of mud phaska by triangulation, welding of MS grills in full length.

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1. It has been observed by the CTE that quantity of mud phaska provided on roof terraces is not being calculated correctly. The measurements for arriving at the average thickness of mud phaska layer after excluding 25mm thick mud and bhoosa plaster are not being recorded correctly. Ridges and valleys are required to be created on the roof terraces taking into account the area to be drained thro' a particular drainage outlet. The measurements of each area formed between adjacent ridges/valleys should be recorded separately & average depth of mud phaska should be computed after considering the volume of mud phaska in each such catchment. All field engineers must ensure recording of measurements accordingly. The terrace plan should be got approved from the EE, showing the levels of the terraces at all the salient points along all ridges & valleys before work of terracing is allowed to proceed.

2. CTE has further observed that in some of the works MS grills which are welded on to the standard steel windows or other steel MS window frames are held to the frames by providing simple tack welding which are not safe as the same are easily detachable by a slight hammering. Some of the SEs have taken a stand that CPWD Specifications do not specify the type of welding to be provided for fixing MS grills to steel frames. In order to avoid any adverse criticism, in this regard, all engineers are directed to introduce a special condition in NITs for welding along full length of contact of MS grills with MS frames of windows/doors under "Particular Specifications" in respect of all future works in DDA.

*W.D. Dandage*

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Engineer Member, DDA  
5.4.1991

Copy to:-

1. All CEs, SEs & EEs of DDA.