

GRIHA Role in Construction & Demolition Waste Mgt Rules 2016

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Give weightage to Offsite Mgt also

No material on carriageways:

**Avoids material wastage,
traffic jams, accidents.**

**NO demolition waste outside
site perimeter !**



**No construction materials on
footpath after removal of first
slab centering. Store all
material below it thereafter.**

Submit a **WASTE MANAGEMENT PLAN** along with Plan Sanction Application, esp. for large plots or >300 tpm waste.

It should cover segregation, storage, collection and transport and certified disposal of unmixed C & D wastes at specified destinations.

Submit Bill Of Quantities along with Plans showing different areas for temporary waste mgt onsite:

Estimate 30% wastage of soil excavation,

5% wastage of sand, stone, concrete, blocks, bricks, tiles, sanitaryware, wood, metal, plastic, gypsum.

ALL MUST KEEP WASTES UNMIXED.

This can make sites ZERO WASTE :

Topsoil for onsite gardening later,

Soil for contour landscaping, road shoulders

Cementitious wastes for recycling as M-sand and non-load-bearing aggregate

Fired bricks for surkhi or walkways

Ceramic waste for China mosaic or to blockmakers

Glass for rat-proofing concrete wall foundations

Broken tile, stone, marble, granite for crazy paving

Wood, plastic, metal and nails to recyclers

Gypsum as waterproof drain sub-base

USE MAXIMUM RECYCLED PRODUCTS FROM C & D WASTE

Recycled product use is mandated. Supplying segregated waste makes all items cheaper. ILFS makes them in Delhi.

UK uses 25% recycled aggregate.

Singapore recycled 98% C&D by 2007

Denmark recycles 90%,

Japan in 2001 reqd 95% recycling by 2010 with Zero waste from Govt projects by 2005

San Jose Calif requires 50% recycling by private and 75% by public projects to get back their **Compliance Deposits.**

Let GRIHA help bring this culture to India soon