

GABION INSTALLATION CHECKING SHEET

DESIGN CHECK ITEMS	YES		NO	Action if No
Do you have copies of design Sections?				Contact designer
Do you have copies of wall profile?				Contact designer
The stone fill specification is 100 to 200mm <input type="checkbox"/> 80 to 150mm <input type="checkbox"/> Is the stone fill Correct?				Contact designer to check if stone fill is acceptable or contact stone supplier for correct grading
The wall inclination is designed at 0 degrees <input type="checkbox"/> 6 degrees <input type="checkbox"/> 10 degrees <input type="checkbox"/> Is the grade to the foundation correct?				Contact designer to see if wall inclination can be amended or regrade to correct falls
Is wall to correct line?				Reset wall alignment
Is the wall to be hand faced?				
The design is based on the following foundation material Existing sub grade <input type="checkbox"/> Type 1 or class 6N <input type="checkbox"/> Concrete <input type="checkbox"/> Rockfill <input type="checkbox"/> Is the material correct?				Check with designer that foundation is acceptable
The design surcharge is 2.5 kN/sqm <input type="checkbox"/> 5 kN/sqm <input type="checkbox"/> 10 kN/sqm <input type="checkbox"/> 20 kN/sqm <input type="checkbox"/> Will construction loadings exceed design surcharge?				Check with designer

INSTALLATION		YES	NO	Action if No
Assembly :-Lacing system - Are all joints to laced continuously? Helicals - Are Helicals fitted to all vertical joints? Are helical ends turned through 90 degrees to lock them? Rings Are the site assembly rings clipped to every other mesh?				Re assemble in accordance with manufacturers instructions Lock helicals Fix more rings
Filling Are voids present? Are cross ties formed as a proper windlass? Are windlass ties loose? Is windlass causing mesh to deform because it is too tight? Are cross ties installed at mid height on 500mm or 700mm deep units or 1/3rd height on 1m deep units? Does the unit have to have hand placed stone to face? If deformation occurs to face, is it acceptable? Does the lid bear down on the stone fill?				Re pack unit Re-install cross ties as proper a windlass Tighten windlass Redo windlass Install windlass ties at correct positions Check with designer Place more fill to top of unit
Closing units Lacing Are the gabions fully continuously laced on all horizontal joints? Rings Are rings clipped to one every other mesh on all horizontal joints?				Contact designer to check if stone fill is acceptable or contact stone supplier for correct grading
If more than one course of gabions is required, are subsequent courses fully jointed by lacing or rings to the front and rear of the units?				Reform joints

The completed design and installation check should be given to the Site Supervising Engineer and in the case of designs carried out by HY-TEN a copy must be returned to HY-TEN duly completed.

Gabion Installation Contractor:-

Signed

Dated