

## Safety Brace System (SBS) Check List

The purpose of the audit is to ensure braces used on site are safe and complies with the OHS Act and AS3850 requirements.

In no circumstances should props be confused with braces. Props have both ends fitted with rigid foot plates that provide support between two parallel surfaces. **Props should not be used as braces.**

Questions	Yes/No	Comments
<b>Supplier of braces</b>		
Is the contractor supplying their own brace equipment		
If no - verify the supplier/hirer and their QA system		
<b>Delivery of braces</b>		
Were the braces delivery in correct stillages		
Is it store correctly on site		
<b>Inspection of braces at time of delivery on site:</b>		
Does the brace have all the correct components as per the manufacturers specifications:		
A Rated & Certified Brace must include:		
stops on the threads		
foot or shoe designed to prevent lateral displacement of the M20 fastener		
yellow/black safety warning tape		
Rated & Certified Pin with a Rated Locking Device and tool for removal		
Grade 8.8 Top Flanged, BraceBolt, tensioned to 100Nm		
Grade 8.8 BraceBolts Load Controlled Expansion Anchor, Anchor as per AS 3850 tensioned to 150Nm		



Domed Torx Drive Brace Foot Bolt with Nylok Nut		
Instruction Sheet		
A tag that displays WLL requirements in Kilonewtons		
Is the rotational coupling ceased or difficult to rotate		
Are the braces clearly marked and tagged with the following:		
Manufacturer		
Model type or designation		
Rating		
Load capacity in Kilonewtons for:		
Fixed, adjustable composite settings		
<b>Check List</b>		
Inspection of braces before use:		
Does the brace have any faults:		
Illegible tags		
Cracked welds		
Bent or deformed		
Missing bolts and feet		
Excessive wear in connections		
Damaged thread		
Foreign material affixed to critical parts		
Has the brace been tampered with or substituted parts fitted outside the manufacturers specifications		
<b>Erection</b>		
Has the braces been installed in accordance with the shop drawings		
If any variations are made have they been approved by the correct authority		
Were the bolts checked for the correct torque at the end of the 24 hour period of erection		

Have the bolts been checked in accordance with the work method statement		
Have the braces and the bracing insert connections been regularly inspected		
Are the braces regularly inspected for on site damage		
Have the braces been installed to the correct angles as specified by the manufacturers instructions		
<b>Removal of temporary brace</b>		
Does the brace system have a lockout/tag out system to prevent unauthorised removal of pin and brace		
Does the lockout/tag out system identify and delegate signing authority to an authorised agent for removal of braces		
<b>Records</b>		
Are the records accurately recorded and maintained		
Have all of the above been included in the work method statement		