



Standard Tubular Scaffold Inspection Check List

Inspection Item	Yes	No	NA	Comments and Required Corrective or Rectification
<b>STANDARD TUBULAR/MODULAR STEEL SCAFFOLD</b>				
<b>GENERAL</b>				
Is Scaffold classified as light/medium/heavy/heavy-demolition duty				
Is scaffold classified for wind loading cat 1/2/3/4				
Is scaffold a metal tube-and-coupler assembly to AS1576				
Is scaffold a metal system scaffold to AS1576				
Is scaffold installation appropriately signed off (Handover Certificate)				
Is scaffold more than 20m in height (if yes refer to design drawings)				
Does scaffold have more than 2 planked decks used at any one time (if yes refer to design drawings)				Specify number of decks on the certificate
Is more than 1 working platform being used at any one time. (if yes refer to design drawings)				
Is minimum deck width: 450mm (Nominal) for Light Duty classification; 900mm (Nominal) for Medium Duty classification; 1000mm (Nominal) for Heavy Duty classification.				
Are all scaffold items of a compatible make and type				

Inspection Item	Yes	No	NA	Comments and Required Corrective or Rectification
<b>SOLE PLATES</b>				
Is scaffold bearing on a concrete slab-on-ground with minimum thickness of 100mm (If yes go to <b>BASE PLATES</b> )				Specify certification by third parties
Is scaffold bearing over a natural or man made ground				Specify certification by third parties for minimum working bearing pressure of 150kPa at 5mm settlement
Is scaffold bearing on a suspended concrete slab or other designed structural member or assembly (If yes go to <b>BASE PLATES</b> )				Specify certification by third parties
Does a sole plate (32mm F11 or better / 50mm F7 or better thickness) have a minimum dimension of: 500x225 for base plate load of up to 1700kg; 2-500x225 with 500x225 cross over for base plate load of up to 3000kg;				
Does a sole plate bridge any fissures wider than 50mm				
Is sole plate located too close to the excavation edge				Specify all sloped excavations to be certified by third parties
Is any nominated sole plate dimension reduced by more than 5%				
Is a sole plate cracked or warped to an extent that it is compromised				
Is a sole plate effected by rot				
Is base plate located centrally over the sole plate assembly ( $\pm 5$ mm)				
<b>BASE PLATES AND ADJUSTABLE EXTENSIONS</b>				
Is any steel base plate less than 6mm in thickness				

Inspection Item	Yes	No	NA	Comments and Required Corrective or Rectification
Is any base plate bent or distorted to prevent an even bearing				
Is any base plate less than 150x150mm in dimension				
Is any pin/spigot (if used) is less than 50mm in length or 16mm in diameter				
Is jack extension exceeds: 450mm (solid) for base plate load of up to 2000kg 350mm (tubular or solid) for base plate load of up to 2500kg 200mm (tubular or solid) for base plate load of up to 3000kg 100mm or less (tubular or solid) for base plate load of up to 3000kg				
Is jack shaft bent				
Are any components adversely effected by corrosion				
Is base plate evenly bearing over its sole plate/surface				
<b>SCAFFOLD FRAME</b>				
Is outside tube diameter less than 47.5x3.6 CHS				
Is any tube end not cut square to axis				
Has any tube end been flame cut				
Is tube and any other element unduly corroded or corrosion pitted				
Is tube and any other element distorted, bent, twisted or split				
Are any prefabricated welds cracked, broken or missing (modular systems)				

Inspection Item	Yes	No	NA	Comments and Required Corrective or Rectification
Are any prefabricated locking devices damaged, inoperative, unrestrained or missing (modular systems)				
Is a coupler marked by a manufacturer's/supplier's stamp				
Is a coupler or any part thereof distorted, stretched, cracked or corroded				
<p>Are intermittent joints fixed with end-to-end couplers, which do not occur in the following locations: <i>(for tube &amp; fit elements only)</i></p> <ul style="list-style-type: none"> <li>a. in longitudinally or transversely adjacent standards in the same lift;</li> <li>b. in the same standard in adjacent lifts;</li> <li>c. more than once between adjacent ledgers;</li> <li>d. more than 300mm from the ledger.</li> </ul>				
<p>Are ledgers and transoms fixed to each longitudinal row of standards and are: <i>(for tube &amp; fit elements only)</i></p> <ul style="list-style-type: none"> <li>a. horizontal;</li> <li>b. extend for the full length of the scaffold;</li> <li>c. fixed to each crossing standard with right-angle coupler (unless modular);</li> </ul>				
Are ledger joints fixed with sleeve type end-to-end coupler only, located in the end bay of the scaffold or more than 300mm away from the standard				
Is maximum standard spacing (subject to classification) adequate for the jack and the sole plate capacity				
Are ladder/uni beams installed in accordance with the site specific design				

Inspection Item	Yes	No	NA	Comments and Required Corrective or Rectification
Is there a continuous closed ledger/transom node-to-node circuit at each lift (outside ledger must not be replace with a guardrail)				
Is a standard joint staggered 500mm above or below the corresponding joint in the transversely adjacent topmost platform standard (modular system)				
Is additional tube ledger and transom installed at each spur termination node				
Is spur assembly installed to both scaffold faces ( <i>over openings</i> )				
Is transverse bracing installed to both sides, from the base of the scaffold to the underside of the void formed by a spur assembly				
Is a single set of spurs support more than 5 lifts				
Are spurs greater than 2m in length secured at mid-span				
Are spurs installed at an angle greater than 45° from the vertical				
Are spurs fixed with right-angle couplers and secured with check couplers				
Has adequate edge protection been installed at the open sides and ends of platforms in accordance with clause 3.9 of AS1576.3				
<b>SCAFFOLD PLANKS</b>				
<b>A. TIMBER PLANKS</b>				
Is plank stamped to be in compliance with AS1577				
Is plank minimum 220mm in width				

Inspection Item	Yes	No	NA	Comments and Required Corrective or Rectification
Is plank span greater than 1.8m for 220x50 section (or as marked by the manufacturer for a span and a load classification)				
Is nominal plank thickness reduced by more than 10%				
Is there separation in plank laminations				
Is plank section warped, twisted, broken, split or otherwise damaged				
Are planks of uniform dimension				
Is end hoop iron broken or damaged or end fixings are missing				
Is plank painted or treated to conceal timber defects				
Are there deep burns or oil stains rendering the surface slippery				
Is there rot of any kind				
Are there protruding nails				
Are planks less than 3m in length positively secured against uplift				
<b>A. STEEL PLANKS</b>				
Is plank stamped to be in compliance with AS1577				
Is plank minimum 220mm in width				
Is plank overhanging over its end putt logs by not less than 150mm and not more than 250mm				
Is plank heavily corroded				

Inspection Item	Yes	No	NA	Comments and Required Corrective or Rectification
Is plank section warped, twisted, bent, split or crushed				
Are planks of uniform dimension				
Are plank welds cracked, broken or missing				
Are there any broken or missing rivets				
Is the end cap broken or missing				
Is reinforcing strip broken, separated or missing ( <i>for spans &gt; 1800mm</i> )				
Are planks less than 3m in length positively secured against uplift (especially in high wind and/or exposure areas)				
<b>SCAFFOLD BRACING</b>				
Is longitudinal face bracing installed across the outside row of standards, extending from the base of the scaffold to its full height, in every 3 <sup>rd</sup> longitudinal plane bay (unless specified to the contrary in the printed manufacturer's documentation)				
Is a sloping ledger installed to tie all the down-the-slope standards at max. 500mm above the base plate				
Are longitudinal brace joints appropriately lapped or spliced				
Are longitudinal braces fixed with an appropriate number of couplers				
Is transverse brace installed to full height at each scaffold end				

Inspection Item	Yes	No	NA	Comments and Required Corrective or Rectification
Is transverse brace fixed with a swivel couplers at standards and right-angle couplers at ledgers				
<b>TIE BACK - TUBE AND FITTING</b>				
Is the first level of ties located immediately below the first lift				
Are installed masonry anchors spaced at maximum of the least value of 3.5m/3 time the base width (vert) x 2.4m(horz.) maximum spacing				
Are anchors rigidly connected to appropriately mounted ties.				
Is each anchor tie connected to not less than two standards or two ledgers with right angle couplers.				
Is each anchor tie located within 300mm from the nearest standard If no then above applies. <u>(For modular systems ties must be located at standards only)</u>				
Is the first/last anchor tie located further one bay away from outer corner of the end scaffold				
Is an anchor tie obstruct clear access along the full length of the working deck				
For “U-tie” or “Box-tie” assemblies, is a lock coupler installed to the outer lock tube <u>(For modular systems ties must be located at standards only)</u>				
For a “Through-tie” assemblies (eg. Window) is a tie installed adjacent to a reveal and secured with right-angle couplers				



Inspection Item	Yes	No	NA	Comments and Required Corrective or Rectification
For a "Through-tie" assemblies (eg. Window) is a tie secured to at least two bearing support points against the pull-out				
Is timber packing with locator nails used at each lock tube bearing				
Is base material adequate to support the tie load				If not certain, Specify certification by third parties
<b>TIE BACK - DRILL-IN</b>				
Are ties drill-in (friction, safety or chemical) <b>DO NOT USE FRICTION</b>				
Is the first level of ties located immediately below the first lift				
Is base material adequate to support the tie load				
Is minimum installed design anchor capacity is 3kN (eg. M12-90 chem) ( <i>for masonry elements only. 6kN otherwise</i> )				
Has least, every 10 <sup>th</sup> randomly selected anchor, at each lift, been site tested for a minimum pullout resistance of 10kN for masonry, 18kN otherwise. (The test equipment shall be set up in such a way as to allow for a pull out of a masonry unit containing the anchor in question)				If not, Specify certification by third parties
Are installed masonry anchors spaced at maximum of the least value of 3.5m/3 time the base width (vert) x 2.4m(horz.) maximum spacing				
Are anchors rigidly connected to appropriately mounted ties.				
Is each anchor tie connected to not less than two standards or two ledgers with right angle couplers.				

Inspection Item	Yes	No	NA	Comments and Required Corrective or Rectification
Is each anchor tie located within 300mm from the nearest standard. If no then the above applies. <u>(For modular systems ties must be located at standards only)</u>				
Is the first/last anchor tie located further one bay away from outer corner of the end scaffold				
Is an anchor tie obstruct clear access along the full length of the working deck				
<b>ACCESS STAIRS</b>				
Are any stiles, rungs, steps or treads missing, worn, damaged or loose				
Are any stiles, rungs, steps or treads heavily corroded				
Is stile section warped, twisted, bent, split, have damaged feet or crushed				
Are similar types of section are of an uniform dimension				
Are any welds cracked, broken or missing				
<b>SCAFFOLD SHADE CLOTH AND MESH (Containment Sheeting)</b>				
Is containment sheeting lapped at the joints with the lower overlapping the upper				
Is containment sheeting installed continuously				

Inspection Item	Yes	No	NA	Comments and Required Corrective or Rectification
Is containment sheeting fixed to the scaffold exterior at a maximum of 1x 1m square grid				Specify certification by third parties with respect of the Containment Sheet type, eyelets and the tie wire.