

Ducab
P O Box: 11529
Dubai
U.A.E.

REF No D901107 : Issue Prelim
Ord No 211564
Date Tested 26/08/09
Date Reported 26/08/09

Attn: Mr. Roy Heatherington

Item - Various Components for Mechanical Testing and Chemical Analysis

ITEM DESCRIPTION: (as provided by Client)
Item 1: 2-Bolt Cleat (89-95) - A1(India)
Item 2: 2-Bolt Cleat (89-95) - Bicon
Item 3: Claw Cleat (44-51)
Item 4: 2-Bolt Cleat (51-57) - Mid. East Eng.
Item 5: 2-Bolt Cleat (225-250) - Becon
Item 7: 2-Bolt Cleat (83-89) - Bicon
Item 8: 2-Bolt Cleat (83-89) - Ducab(Modified)
Item 9: 2-Bolt Cleat (108-114) - Bicon
Item 10: 2-Bolt Cleat (108-114) - Ducab(Modified)
Item 4CL: Compression Lug (BT300C12) - Bicon
Item 6CL: Compression Lug (BT240C20) - Bicon



Specification - Client Requirement

Load Test - In House Procedure

	Position	Details	Comments
001:Maximum Load	Item 1	N/A	See Below
002:Maximum Load	Item 2	N/A	See Below
003:Maximum Load			
004:Maximum Load			
005:Maximum Load			
006:Maximum Load			
007:Maximum Load			
008:Maximum Load			
009:Maximum Load			

Item 01: First significant reduction in load observed at 7.7kN.
Max load achieved prior to failure: 9.9kN.
Failure mode: Cleat fracture at lower surface.

Item 02: No significant reduction in load observed up to max capacity of assembly component (cross-bar).
Test stopped at max load: 18.7kN. No obvious cleat damage observed.

Zn Coating Thickness - Elcometer Reading

	Position	Result	Comments
010:Average Thickness			

Ducab
Various Components for Mechanical Testing and Chemical
Analysis

REF No

D901107

: Issue Prelim

Zn Coating Thickness - Elcometer Reading

	Position	Result	Comments
011:Average Thickness			

Chemical Analysis - OES

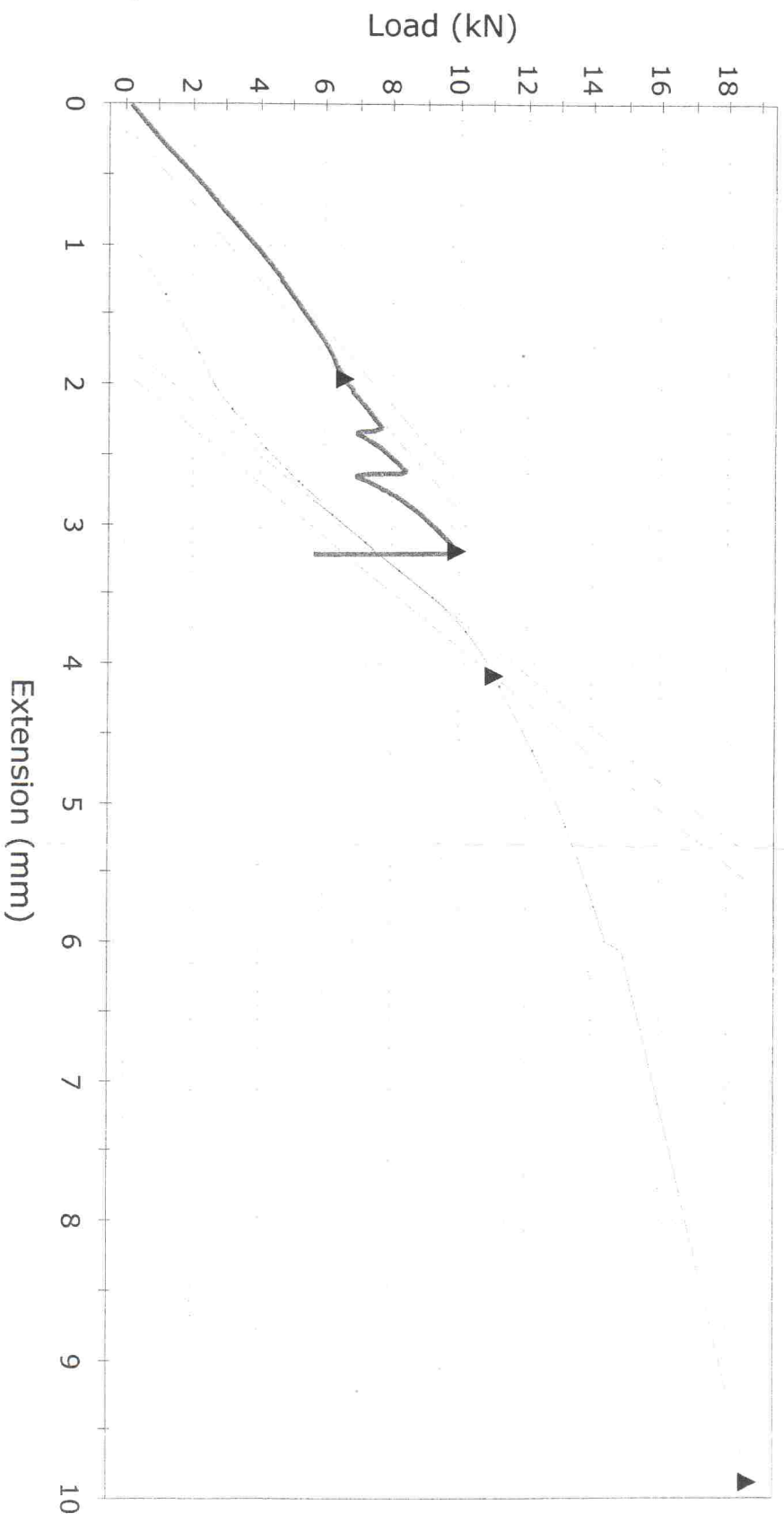
Certificate Comments

Preliminary report issued 26/08/09: pending further test results.
----- End of Text -----

Tested by **BTG ME Dubai Laboratory**

.....
For and on authority of
Al Futtaim Bodycote Testing





Specimen #
1
2

 Bodycate All-Function MATERIALS TESTING SERVICES
PRELIMINARY REPORT
SUBJECT TO VERIFICATION