

Test Performed by: Dr. S. Asad Ali Gillani

Fazeel Mehmood, RE
NESPAK DHA-AWT- Land Adyala Rwp.
(Development of DHA-AWT Land Adyala Ph-IV)
Client Reference No.: 4592/103/DHA-AWT/FM/102/88
SOM Lab Ref: CED/SOM/1075 (Page-2/2)
Test Type: Proof Load Test
Sample Type: J-Bolt with Nut& Washer (19mm)

Dated: 15-04-2025
Dated: 16-04-2025

Proof Load Results

Sample No.	Sample Type	Diameter of Bolt (mm)	Maximum Load Applied (kN)	Remarks
1	J-Bolt with Nut& Washer	19.0	99.2	Thread slippage failure occur at this load

Note: Please always confirm the results on web www.uet-civil.edu.pk

Dr. /Engr. Nauman Khurram

SOM Lab

Ref: 1074 (Page-1/1)

Test Specification:

Sample Type: Deformed Bar (Al Moiz Steel)

S.No.	Weight	Dia.		Area		Yield Load	Ultimate Load	Yield Stress		Ult. Stress		Elongation	Gauge Length	%age Elongation	Remarks
		Nominal	Calculated	Nominal	Calculated			(according to nominal area)	(according to measured area)	(according to nominal area)	(according to measured area)				
	lb/ft	#	in	in ²	in ²	Tons	Tons	psi	psi	psi	psi	in	in	%	
1	1.495	6	0.748	0.44	0.439	14.80	18.65	74190	74360	93510	93720	1.50	8.0	18.8	
2	1.494	6	0.748	0.44	0.439	14.68	18.55	73580	73750	92990	93210	1.70	8.0	21.3	
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<u>BEND TEST:</u>															
# 6	Sample bend through 180 degrees Satisfactorily without any crack										Note:- Only Three Samples Received and Tested				
Note: Please always confirm the results of above report on web www.uet-civil.edu.pk															

RE Nespak, Gijranwala. (Construction Of Flyover at GT Road-Chan da Qilla Chowk)

Dr. /Engr. Nauman Khurram

SOM Lab

Ref: 1076 (Page-1/1)

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar

[illegible]

BEND TEST:

# 8	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Nine Samples Received and Tested
# 6	Sample bend through 180 degrees Satisfactorily without any crack	
# 4	Sample bend through 180 degrees Satisfactorily without any crack	

Note: Please always confirm the results of above report on web www.uet-civil.edu.pk

JV Green Bird.(Const Of The Support Centre For Dental and Surgical Implant Sialkot)

Nauman Khurram

Dated: 15-04-2025

Ref: 1077 (Page-1/1)

Dated: 16-04-2025

Test Specification:

ASTM-A-615

Sample Type: Deformed Bar (Ittefaq Steel)

S.No.	Weight	Dia.		Area		Yield Load	Ultimate Load	Yield Stress		Ult. Stress		Elongation	Gauge Length	%age Elongation	Remarks
		Nominal	Calculated	Nominal	Calculated			(according to nominal area)	(according to measured area)	(according to nominal area)	(according to measured area)				
	lb/ft	#	in	in ²	in ²	Tons	Tons	psi	psi	psi	psi	in	in	%	
1	2.698	8	1.005	0.79	0.793	26.57	33.89	74190	73910	94620	94270	1.40	8.0	17.5	
2	1.477	6	0.743	0.44	0.434	14.34	18.88	71890	72890	94630	95940	1.30	8.0	16.3	
3	0.653	4	0.494	0.20	0.192	6.07	8.28	66890	69670	91280	95080	1.10	8.0	13.8	
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<u>BEND TEST:</u>															
# 8	Sample bend through 180 degrees Satisfactorily without any crack										Note:- Only Six Samples Received and Tested				
# 6	Sample bend through 180 degrees Satisfactorily without any crack														
# 4	Sample bend through 180 degrees Satisfactorily without any crack														
Note: Please always confirm the results of above report on web www.uet-civil.edu.pk															