

Project Coordinator Banu Mukhtar Contracting (Pvt.) Ltd.(Hyundai Nishat Extension FSD)

Dr. /Engr. Asad Ali Gillani

Dated: 29-01-2025

Dated: 30-05-2025

Test Specification: ASTM-A 615

Gauge Length: 200 mm

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)				
	kg/m	mm	mm	mm ²	mm ²	kN	kN	MPa	MPa	MPa	MPa	mm	mm	%	
1	0.977	12	12.62	113	125	66.20	88.70	585	530	784	710	22.5	200	11.3	
2	0.982	12	12.62	113	125	66.70	85.50	590	534	756	684	20.0	200	10.0	
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<u>BEND TEST:</u>															
12mm		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															

Assistant Engineer Bridges **Test Performed By:** Dr. /Engr. Asad Ali Gillani
Pakistan Railways Sukkur.(RCC Slabs of Bridges No.23,34,45,47,97,98,99,100 & 101 on Roh-Sibi Sec in Sukkur Div)

Assistant Engineer Bridges **Test Performed By:** Dr. /Engr. Asad Ali Gillani
Pakistan Railways Sukkur.(RCC Slabs of Bridges No.23,34,45,47,97,98,99,100 & 101 on Roh-Sibi Sec in Sukkur Div)

Assistant Engineer Bridges **Test Performed By:** Dr. /Engr. Asad Ali Gillani
Pakistan Railways Sukkur.(RCC Slabs of Bridges No.23,34,45,47,97,98,99,100 & 101 on Roh-Sibi Sec in Sukkur Div)

SOM Lab
Ref: 1305 (Page-1/1)
Dated: 30-05-2025

Ref: 1305 (Page-1/1)
Dated: 30-05-2025

Test Specification: ASTM-A-615

Sample Type: Deformed Bar

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	in²	in²	Tons	Tons	psi	psi	psi	psi	in	in	%	
1	2.705	8	1.006	0.79	0.795	22.24	33.86	62100	61710	94540	93940	1.40	8.0	17.5	
2	2.691	8	1.004	0.79	0.791	22.80	34.15	63660	63580	95340	95210	1.30	8.0	16.3	
3	1.032	5	0.621	0.31	0.303	8.99	13.22	63970	65440	94060	96240	1.40	8.0	17.5	
4	1.035	5	0.622	0.31	0.304	8.89	13.20	63240	64490	93920	95770	1.20	8.0	15.0	
5	0.663	4	0.498	0.20	0.195	6.24	8.61	68800	70560	94990	97420	1.20	8.0	15.0	
6	0.662	4	0.498	0.20	0.195	6.19	8.61	68230	69980	94990	97420	1.00	8.0	12.5	
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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

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

Dr. /Engr. Asad Ali Gillani

SOM Lab
Ref: 1306 (Page-1/1)

Dated: 30-05-2025

Test Specification: ASTM-A-615

Sample Type: Deformed Bar (Ak Steel)

[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

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

Dr. /Engr. Asad Ali Gillani

SOM Lab
Ref: 1307 (Page-1/1)

Dated: 30-05-2025

Test Specification: ASTM-A-615

Sample Type: Deformed Bar (SJ Steel)

[illegible]

BEND TEST:

# 8	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Six Samples Received and Tested
# 5	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

Sohaib Awais, RE
NESPAK Lhr.(Infra Development at Chahar Bagh Phase-II)

Test Performed By: Dr. /Engr. Asad Ali Gillani

Client Reference: 4841/13/SA/05/36
Dated: 20-05-2025
Test: Tension Test
Gauge Length: 8 inch

SOM Lab
Ref: 1308 (Page-1/1)
Dated: 30-05-2025
Test Specification: ASTM-A-615
Sample Type: Deformed Bar

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	2.673	8	1.000	0.79	0.786	28.61	37.16	79880	80290	103730	104260	1.50	8.0	18.8	Kamran
2	1.465	6	0.741	0.44	0.431	13.00	18.50	65150	66510	92740	94680	1.20	8.0	15.0	Kamran
3	0.650	4	0.493	0.20	0.191	6.34	8.36	69920	73220	92180	96520	1.00	8.0	12.5	Mughal
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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

Imran Arshad

Prime Construction (House # 53 Cavalry Green Burki Road Lahore)

Test Performed By:

Dr. /Engr. Asad Ali Gillani

Client Reference: Nil

Dated: 30-05-2025

Test: Tension Test & Bend Test

Gauge Length: 8 inch

SOM Lab

Ref: 1309 (Page-1/1)

Dated: 30-05-2025

Test Specification:

ASTM-A-615

Sample Type:

Deformed Bar (Hunza Steel)

[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

NESPAK ADP WASA, Lhr.(Rainwater Management-Drainage Arrangement For Sore Point at Sharif Park)

SOM Lab

Ref: 1310 (Page-1/1)

Dated: 30-05-2025

ASTM-A-615

Sample Type: Deformed Bar (Markhor Steel)

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# 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

