

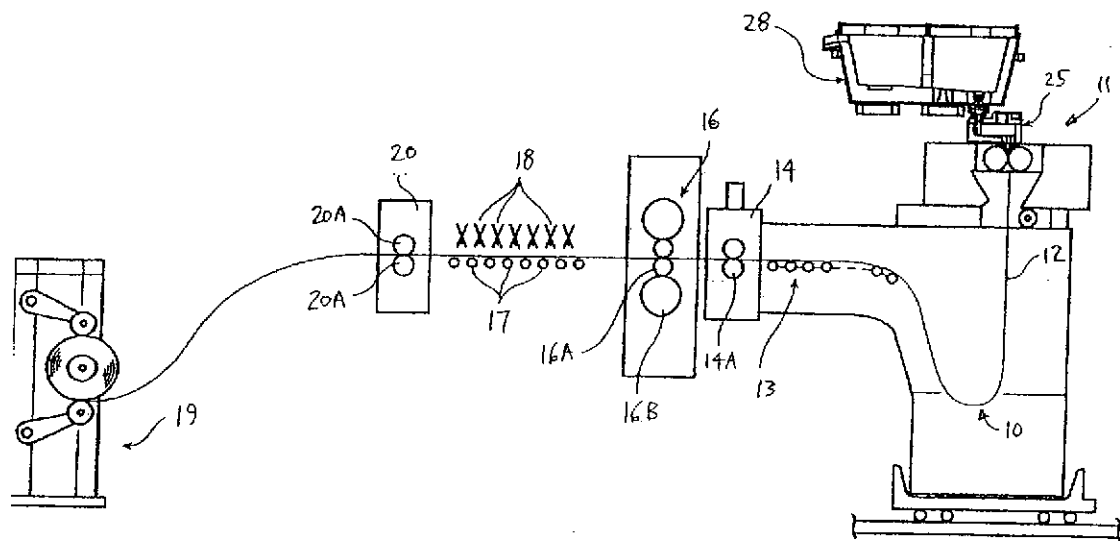


Fig. 1

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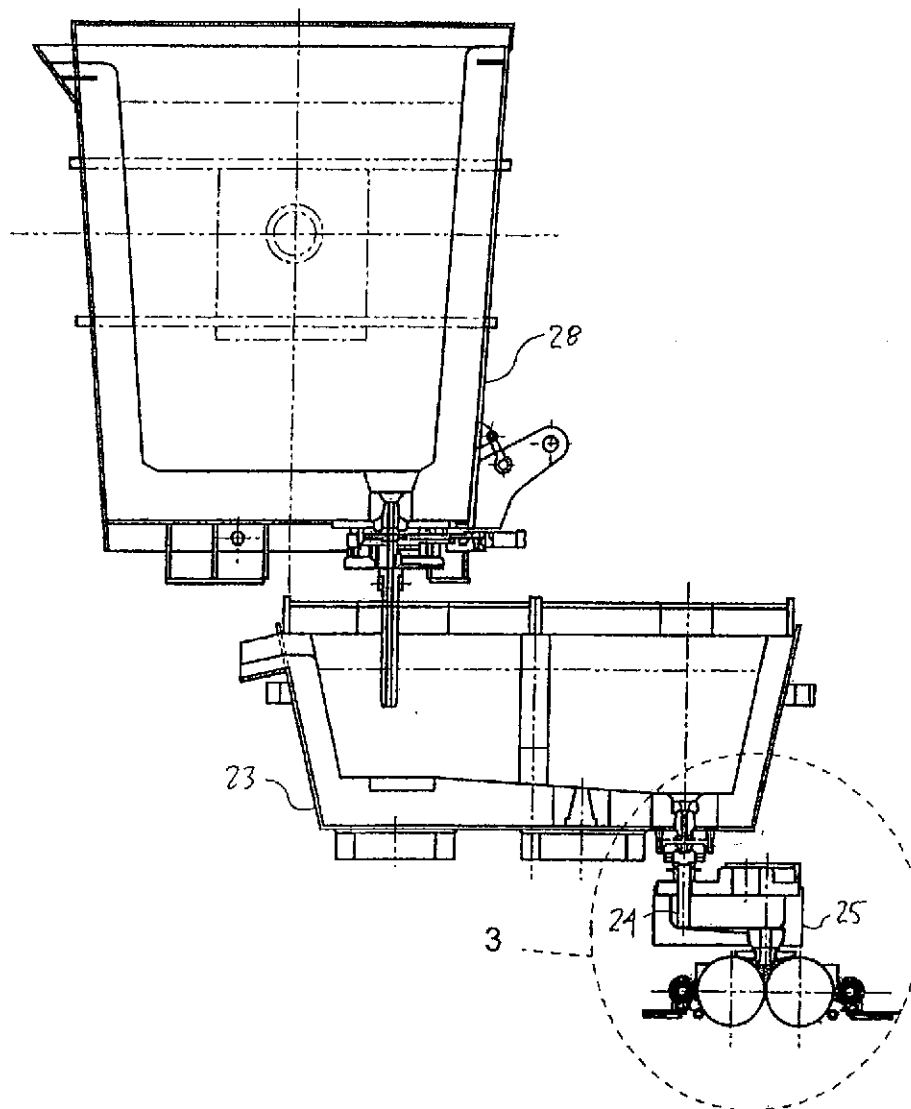


Fig. 2

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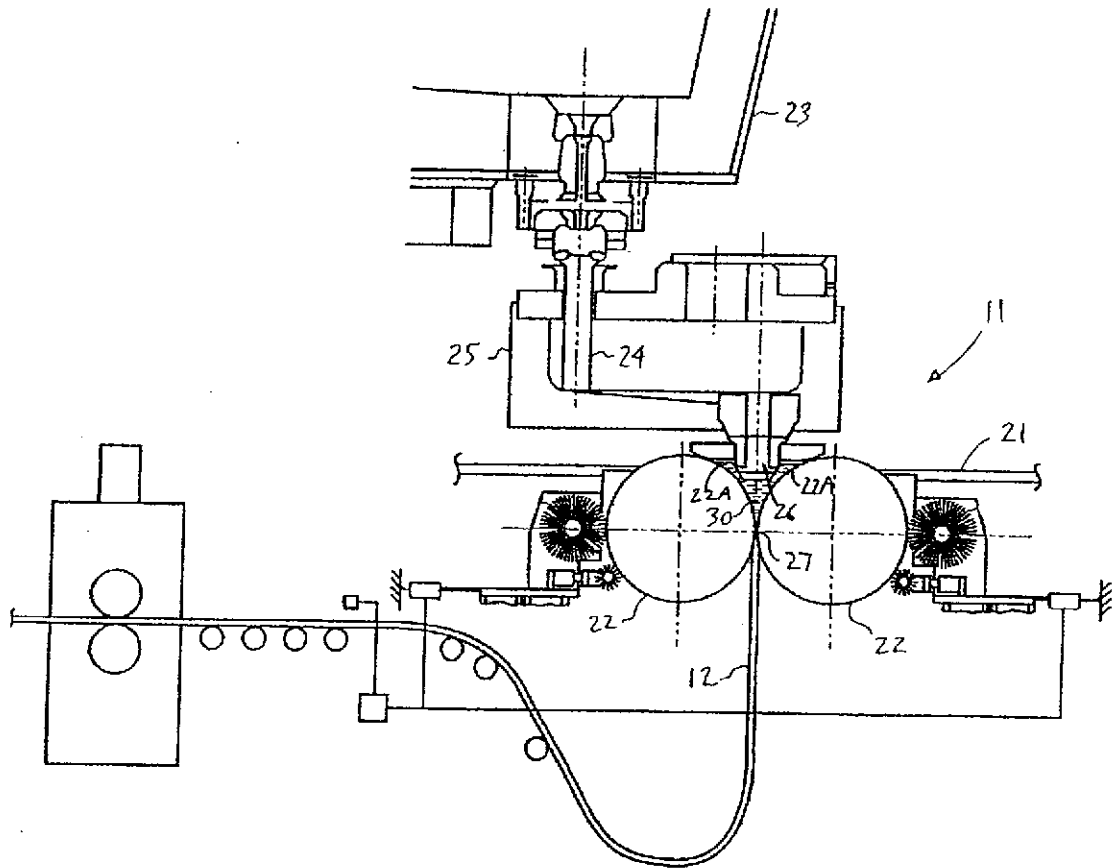
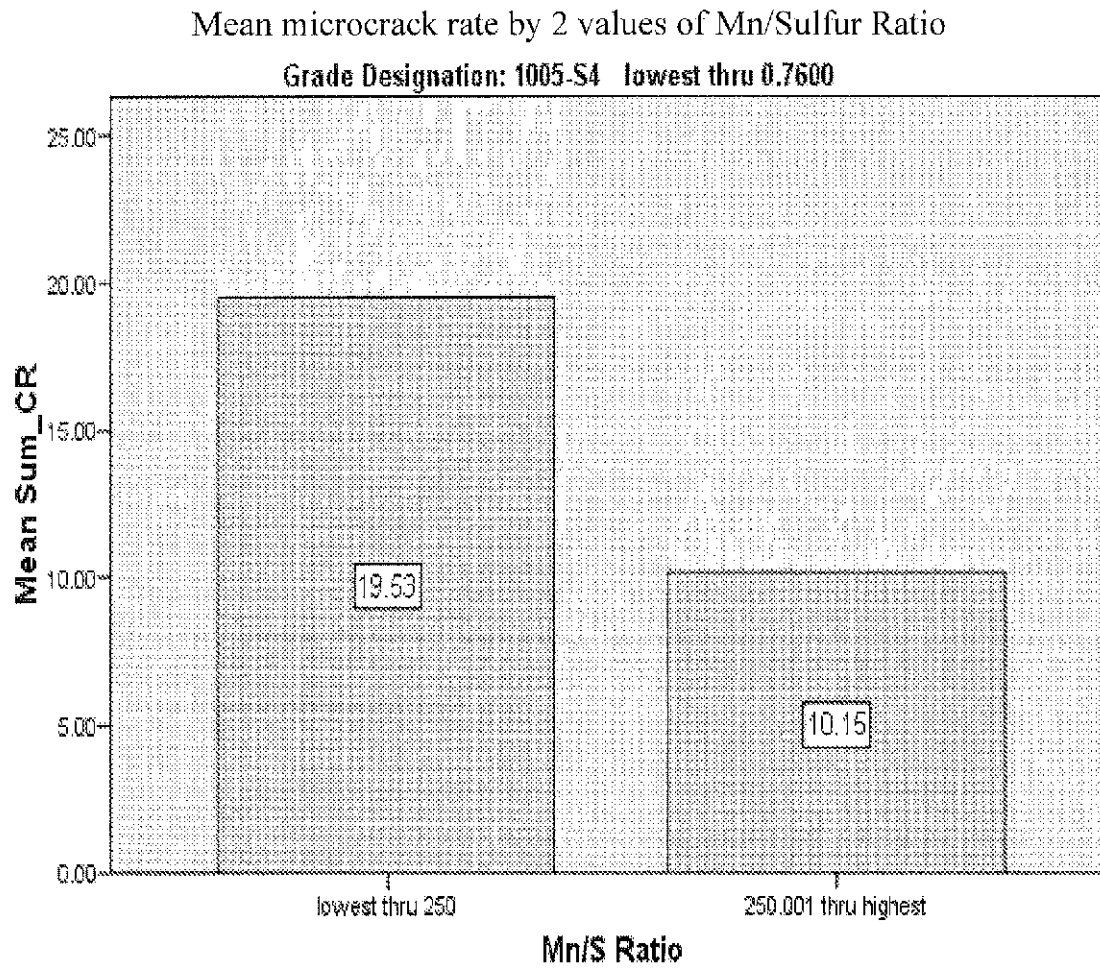


Fig. 3

**Fig. 4**

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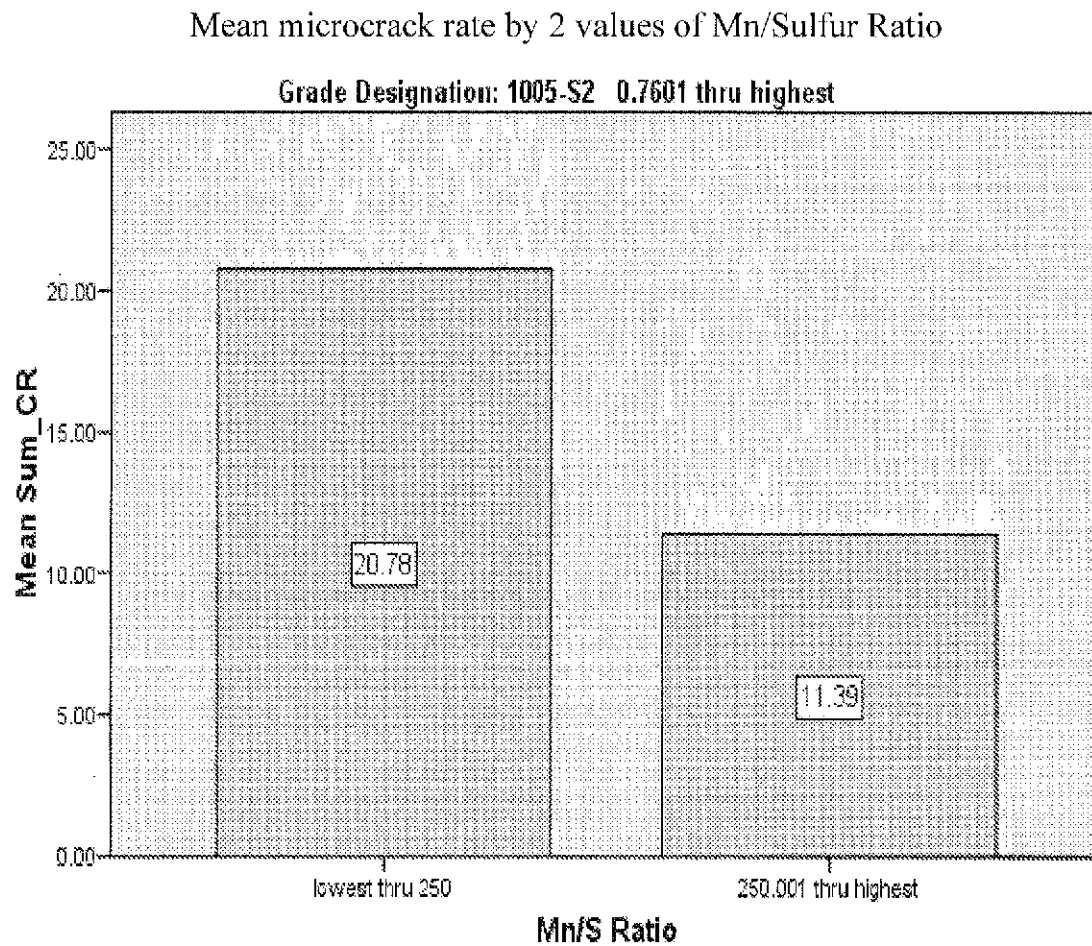


Fig. 5

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Mean microcrack rate by 2 values of Mn/Si Ratio

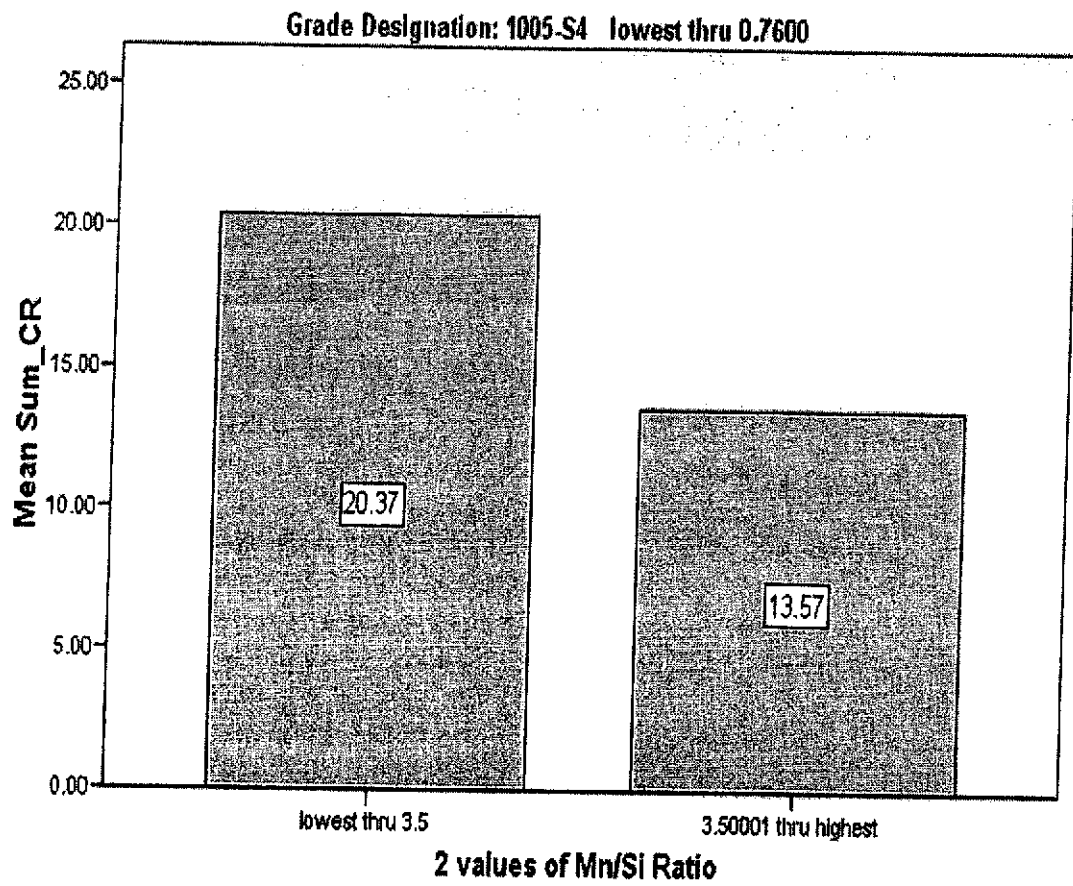


Fig. 6

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Mean microcrack rate by 2 values of Mn/Si Ratio

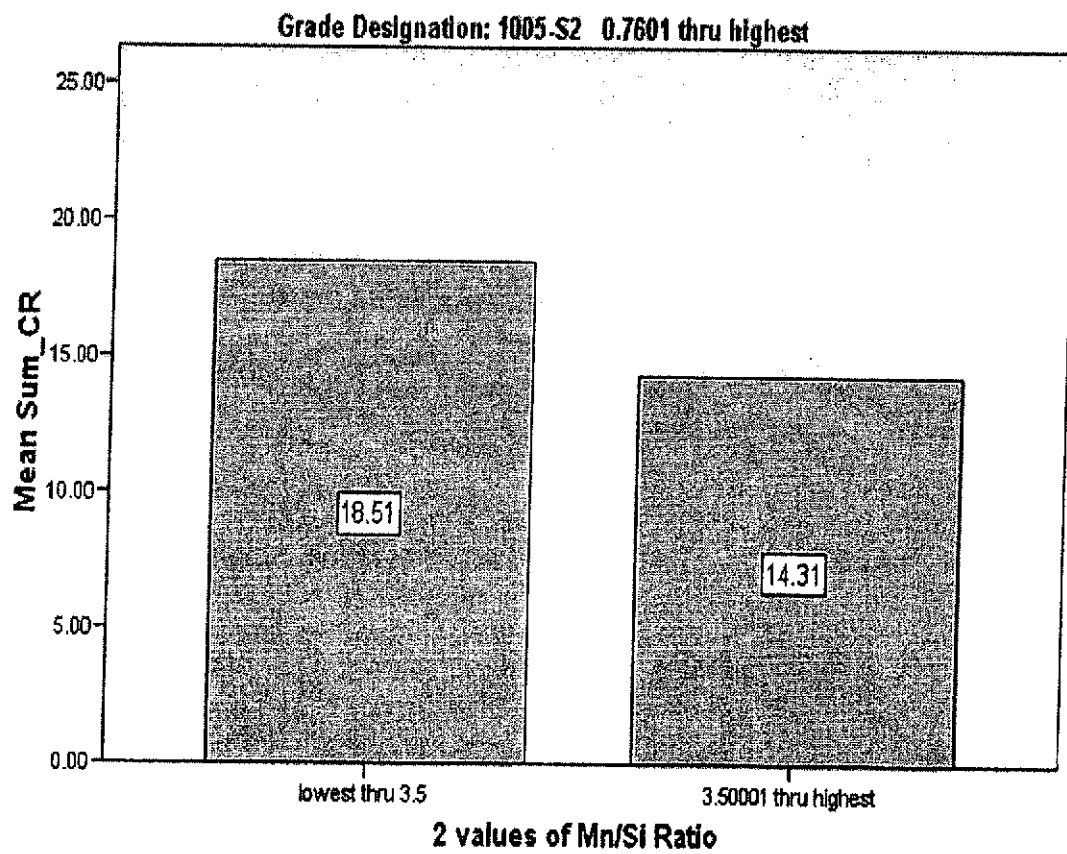


Fig. 7

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Mean microcrack rate by 2 values of Carbon

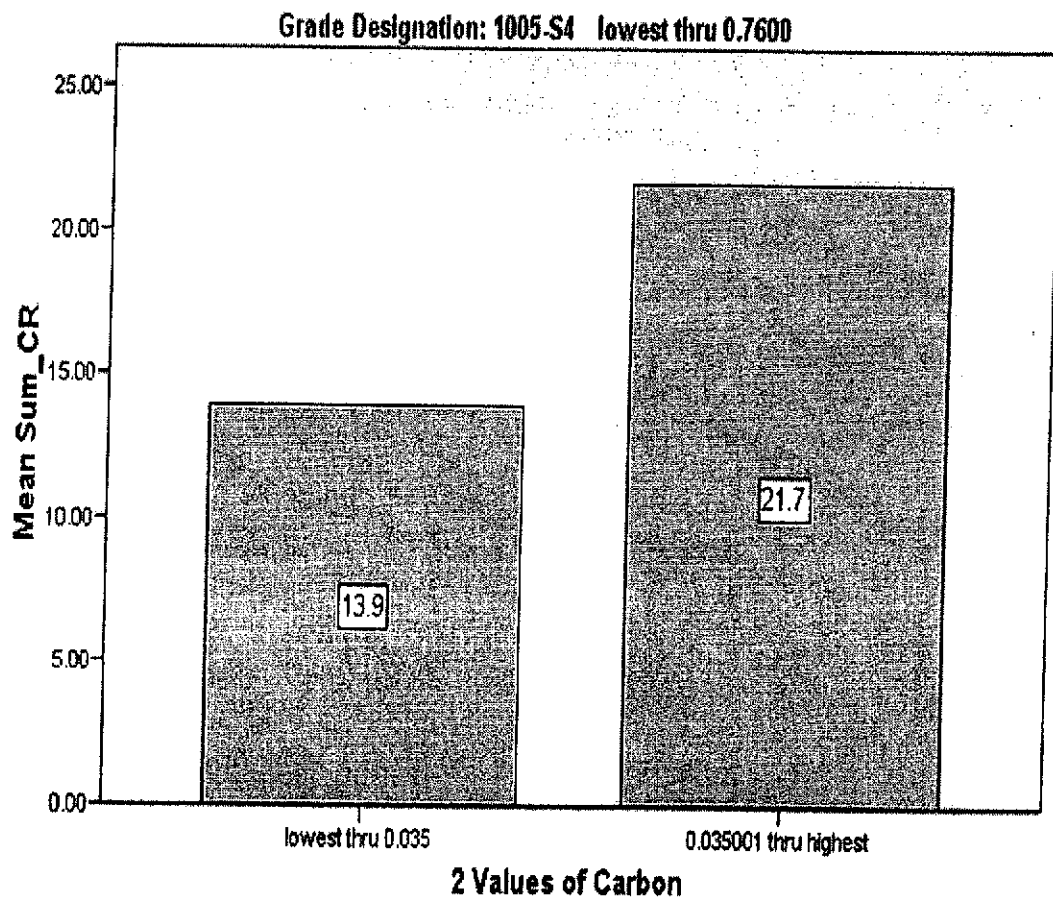


Fig. 8

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Mean microcrack rate by 2 values of Carbon

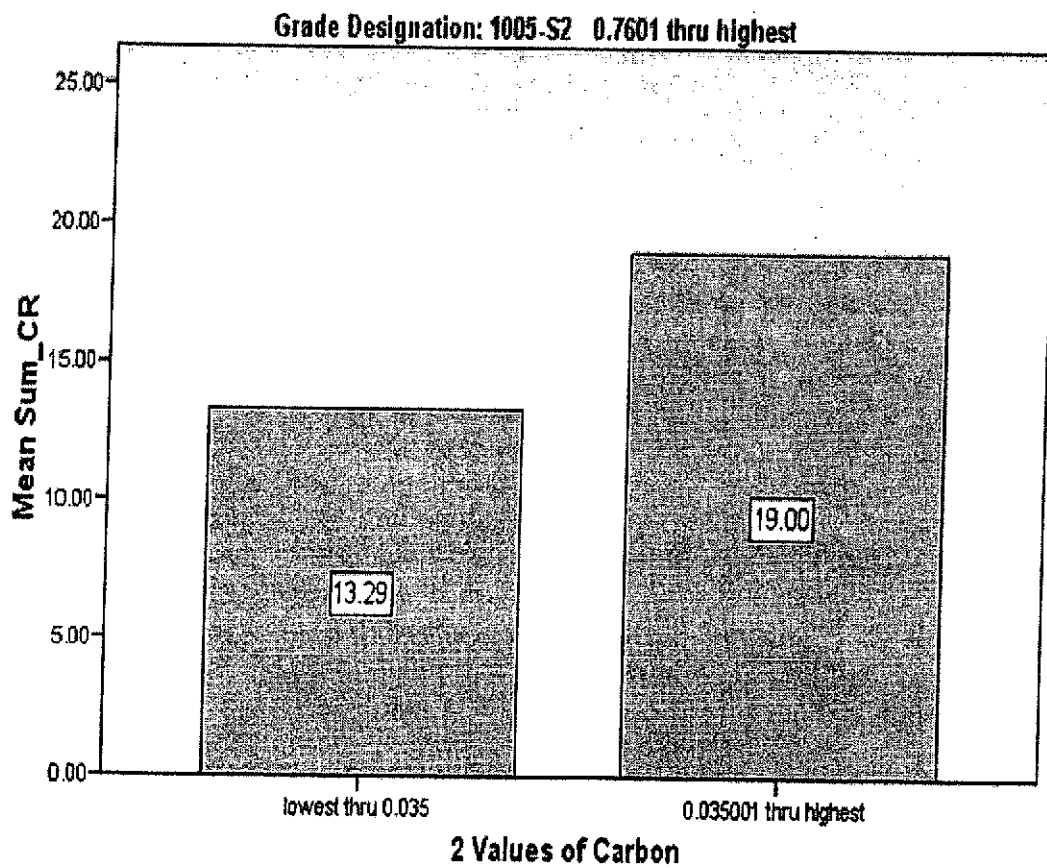


Fig. 9

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Mean microcrack rate by 2 values of Nitrogen

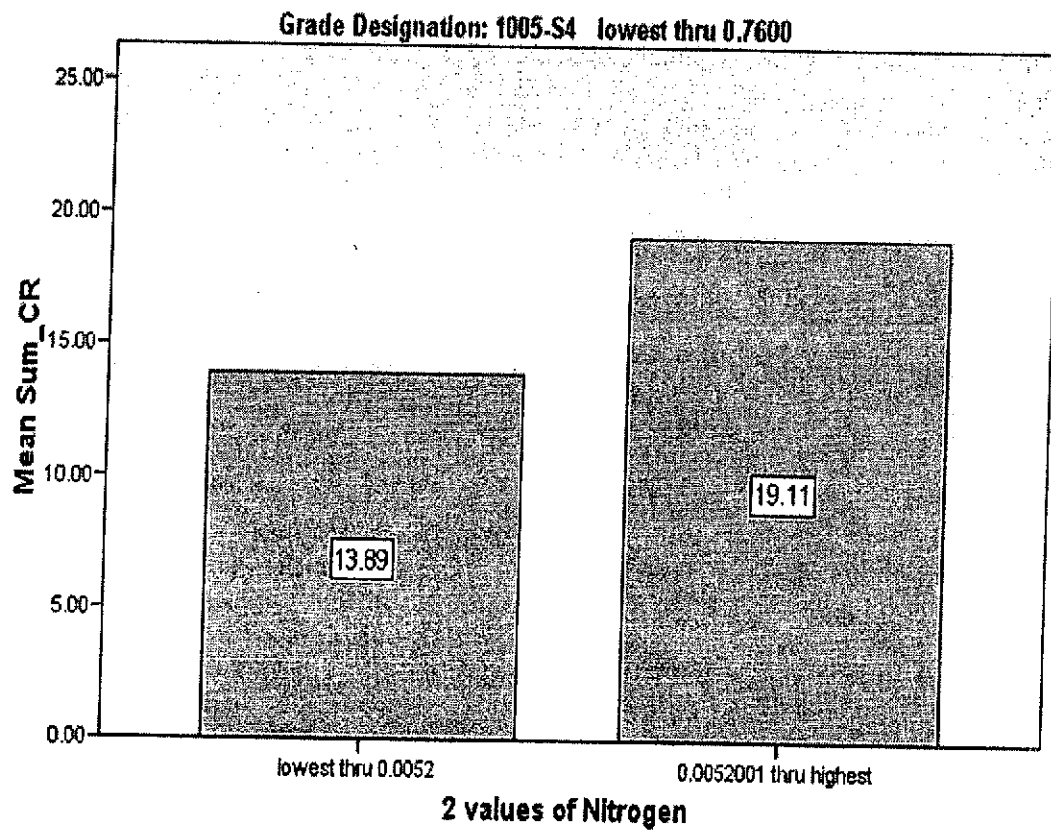


Fig. 10

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Mean microcrack rate by 2 values of Nitrogen

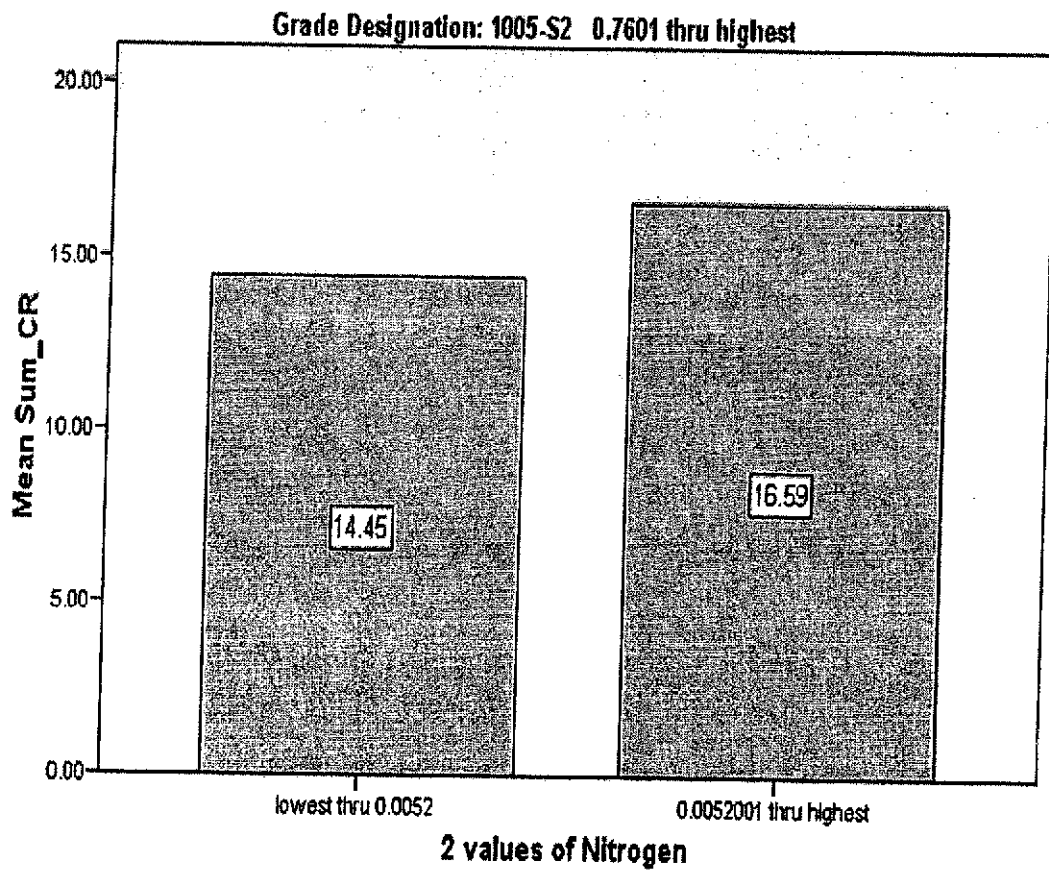


Fig. 11

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Mean microcrack rate by 2 values of Cast Speed

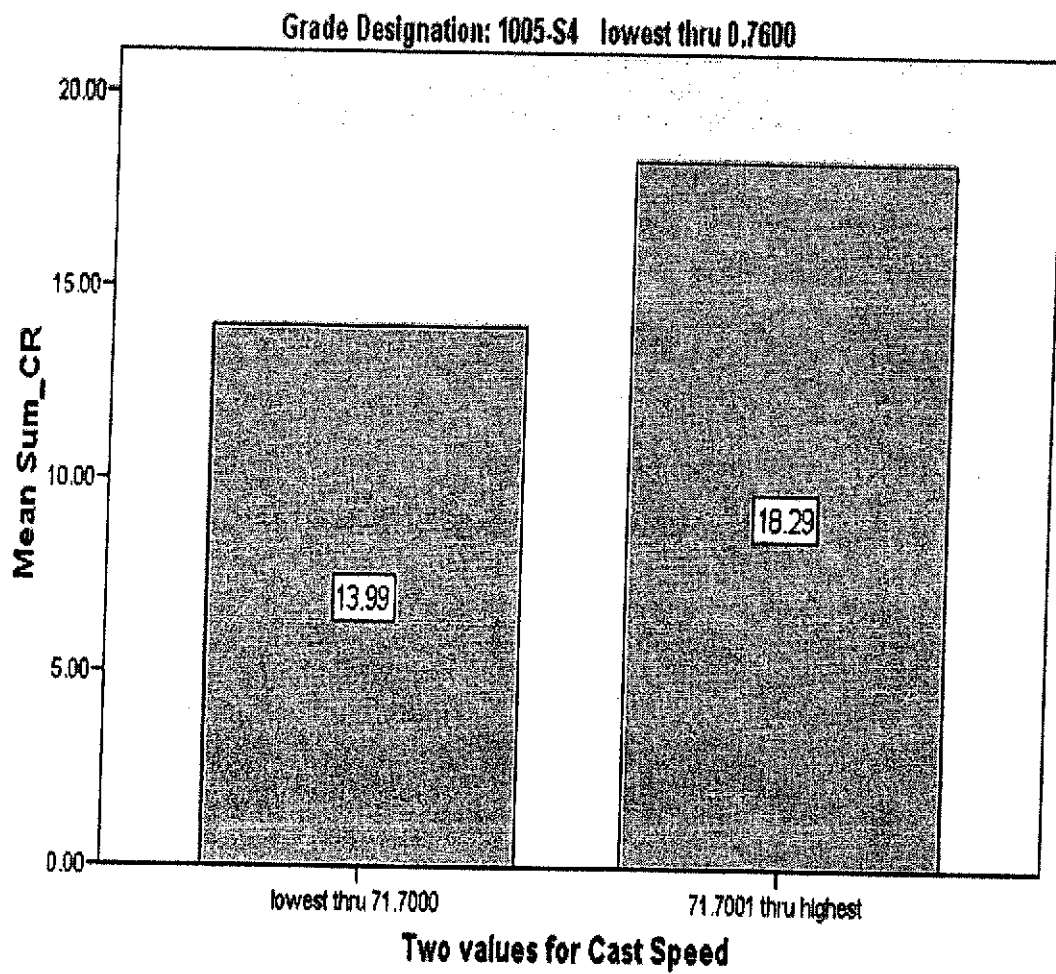


Fig. 12

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Mean microcrack rate by 2 values of Cast Speed

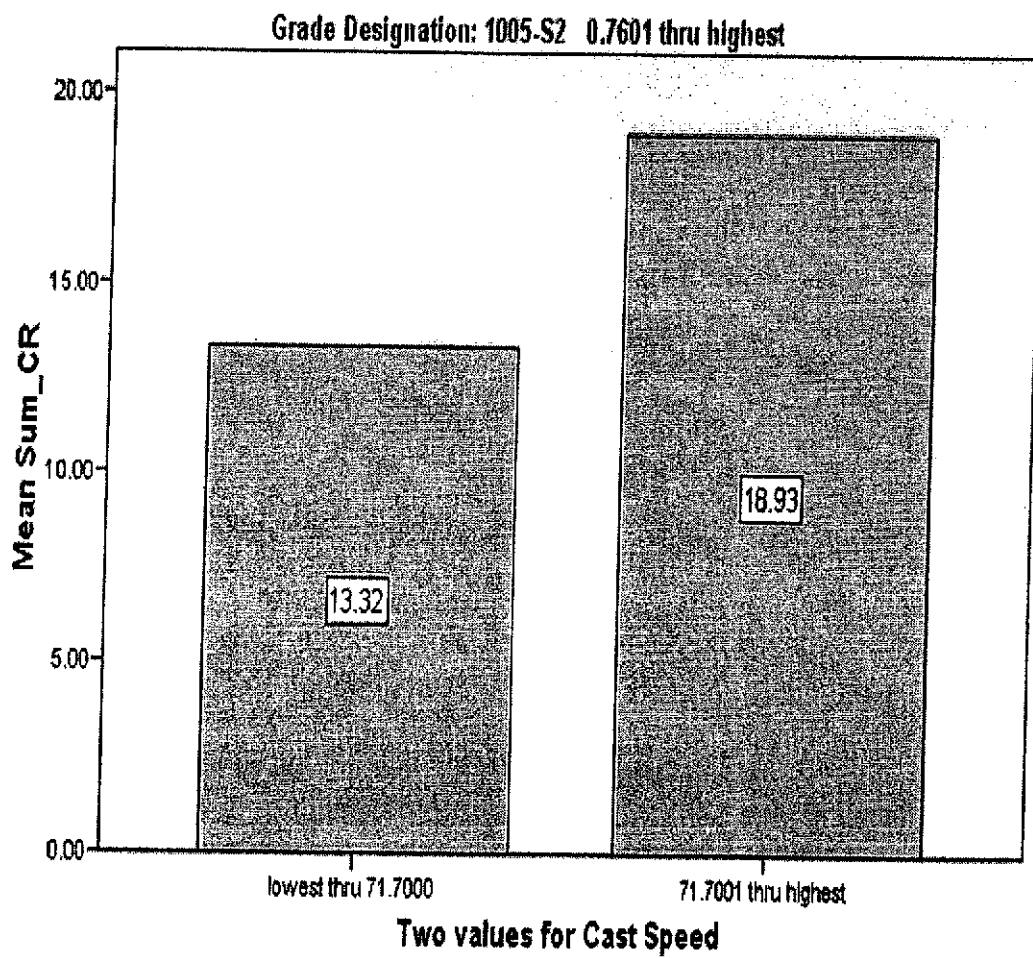


Fig. 13

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Mean microcrack rate by 2 values of Tundish Temperature

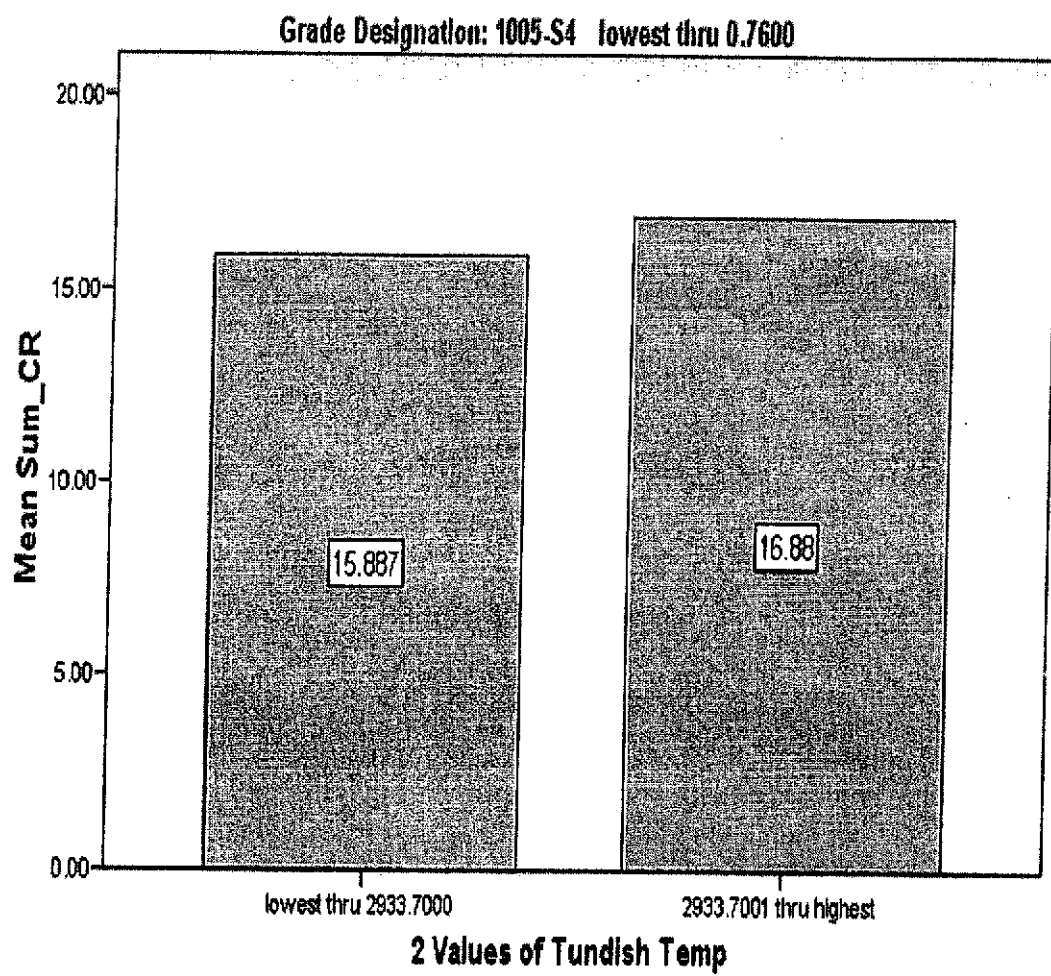


Fig. 14

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Mean microcrack rate by 2 values of Tundish Temperature

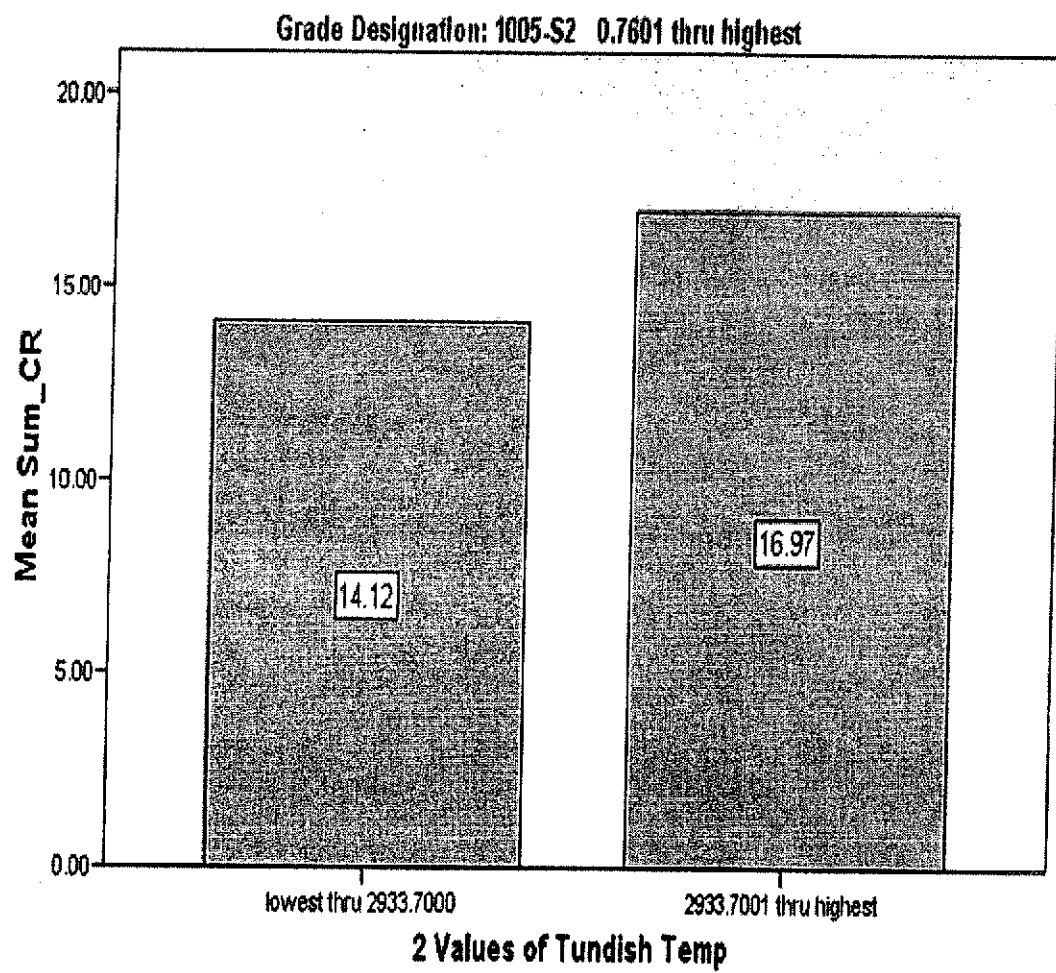


Fig. 15

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Mean microcrack rate by 5 values of Cast Speed

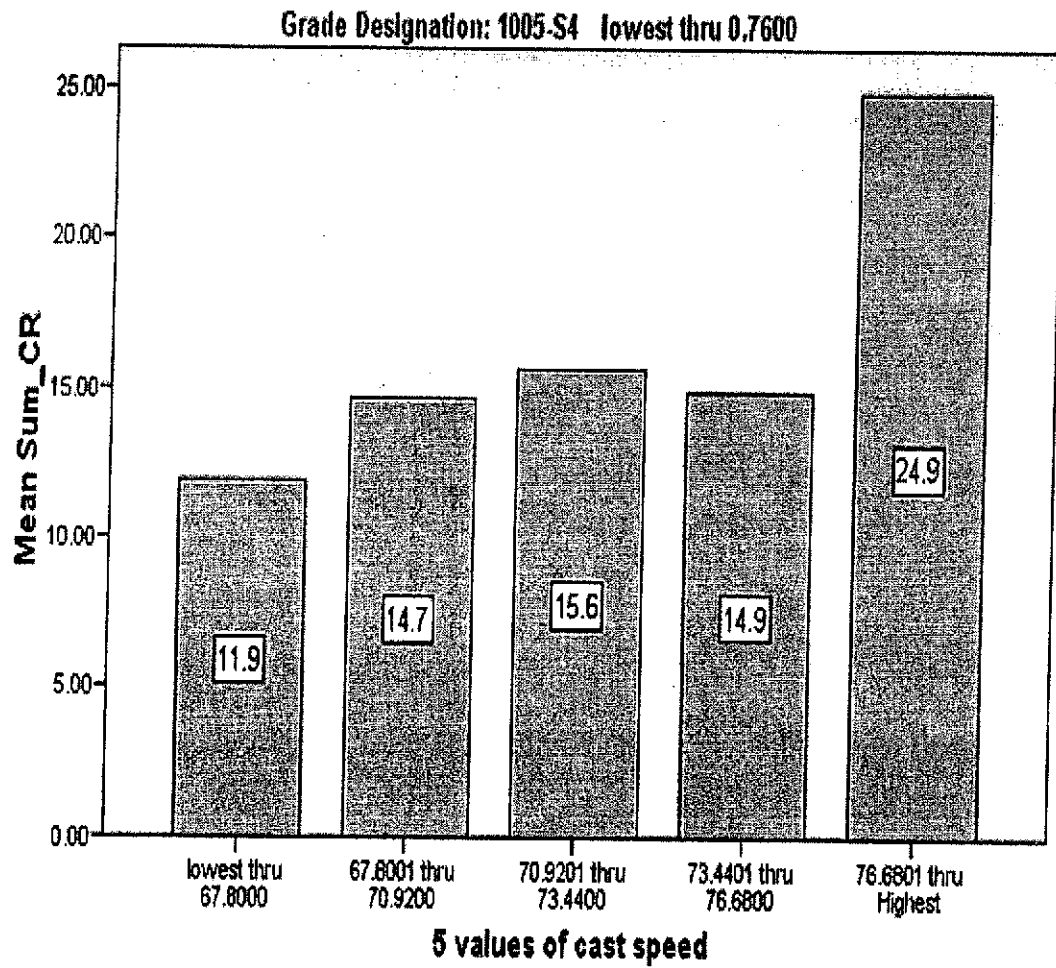


Fig. 16

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Mean microcrack rate by 5 values of Cast Speed

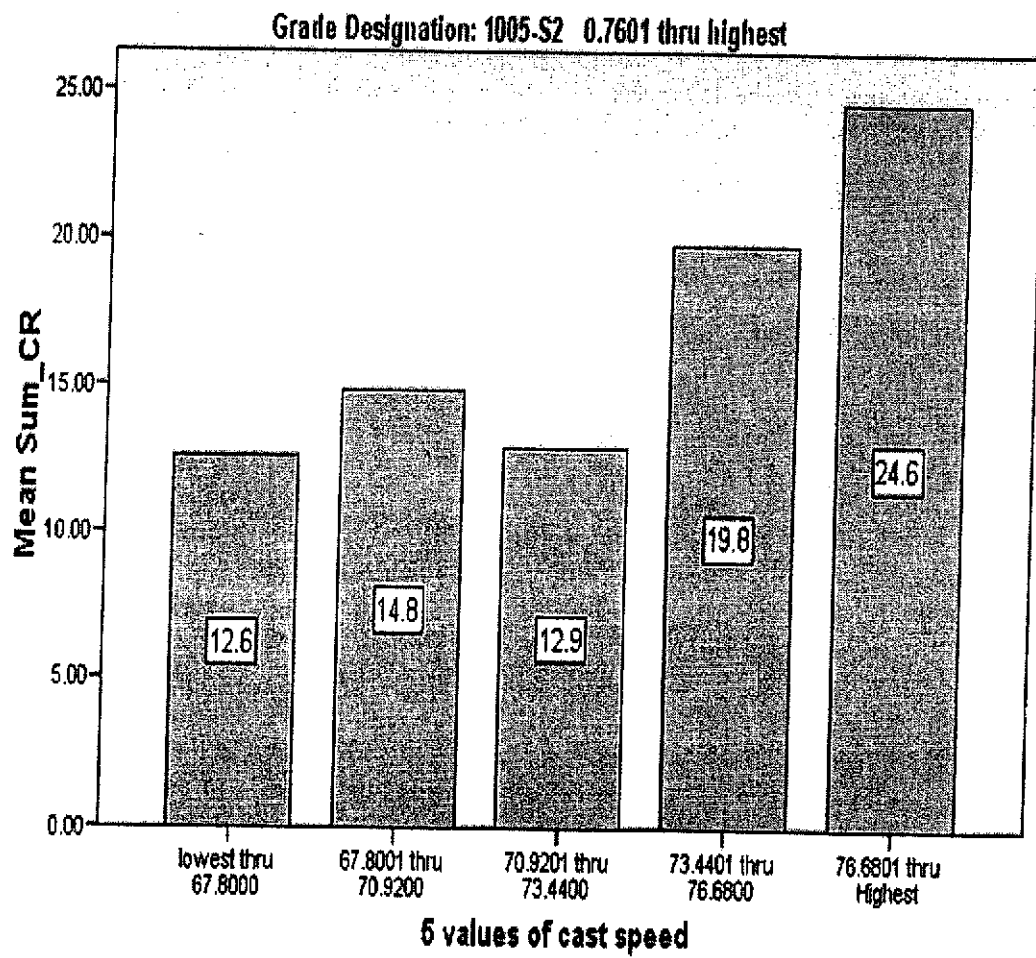


Fig. 17

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Grade Designation: 1005-S4 lowest thru 0.7600

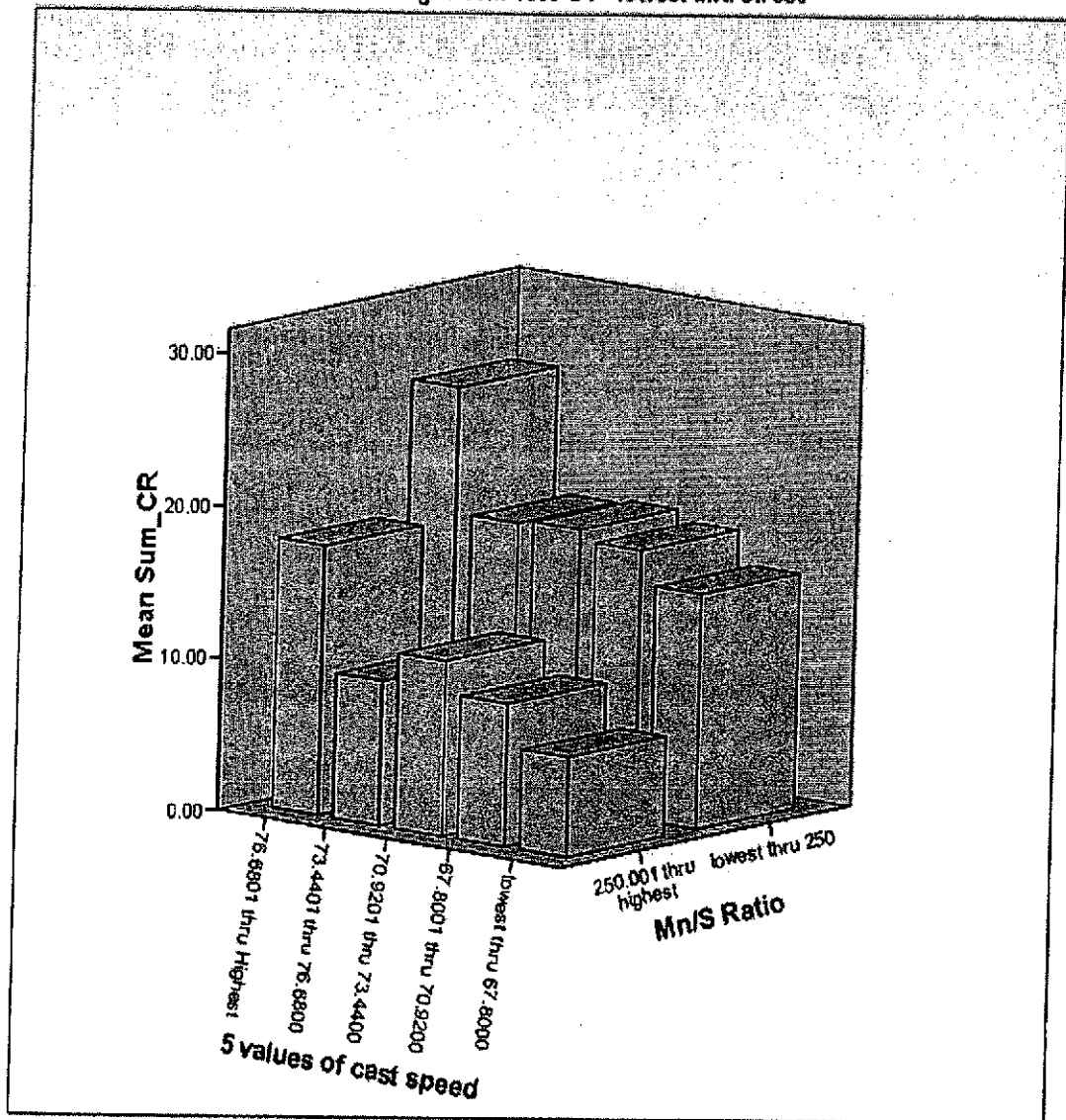


Fig. 18

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Grade Designation: 1005-S2 0.7601 thru highest

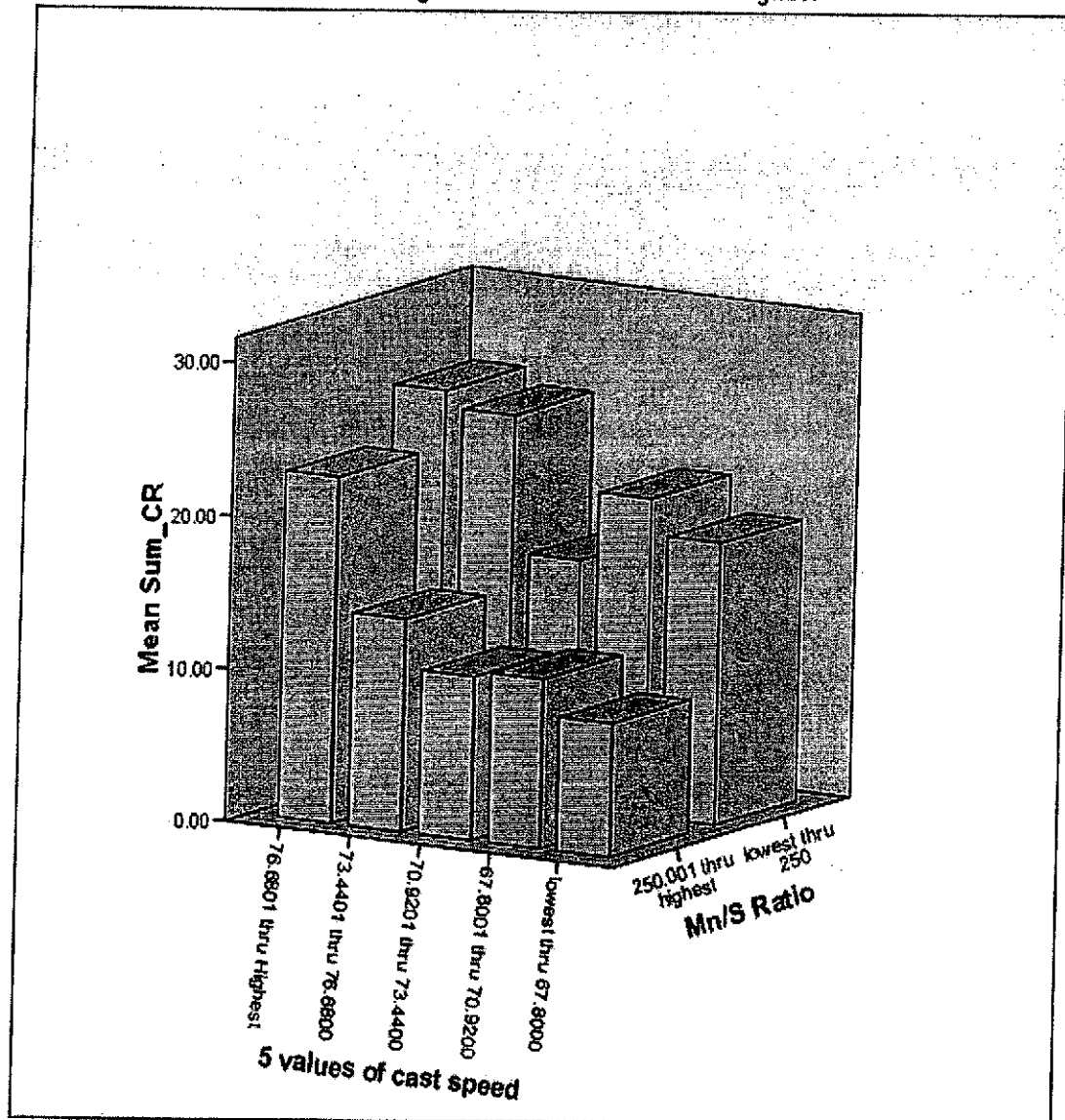


Fig. 19

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Grade Designation: 1005.S4 lowest thru 0.7600

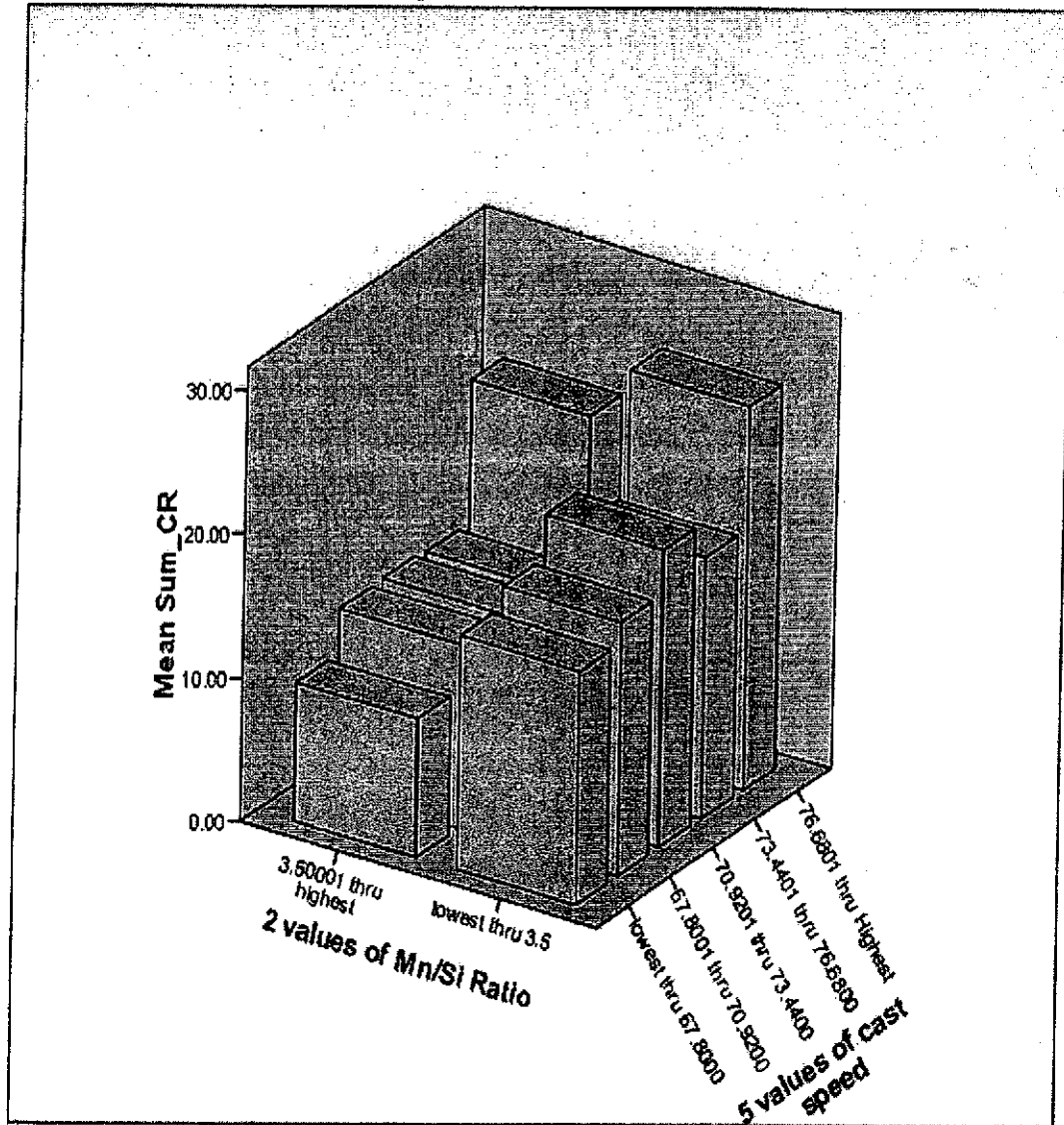


Fig. 20

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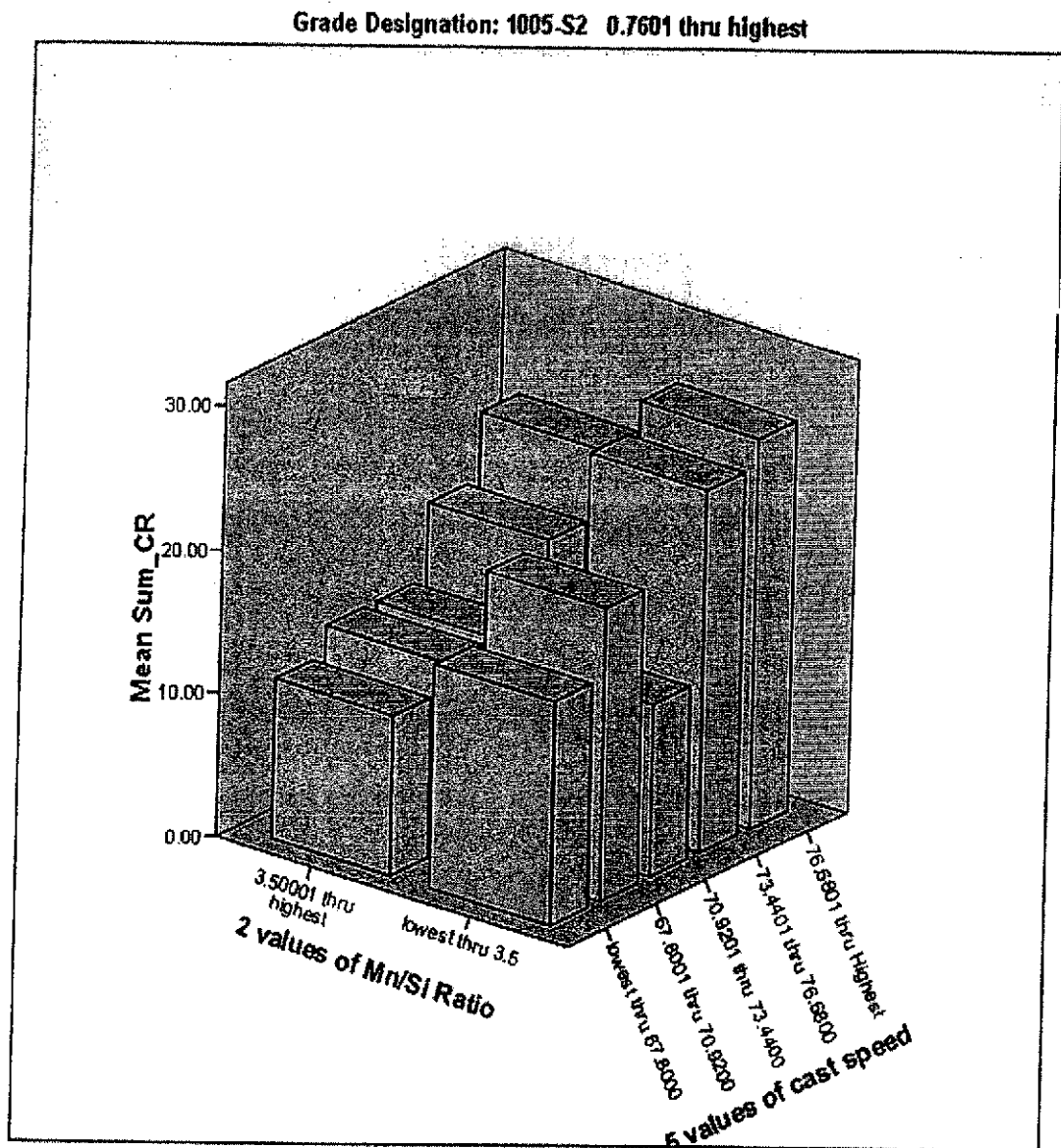


Fig. 21

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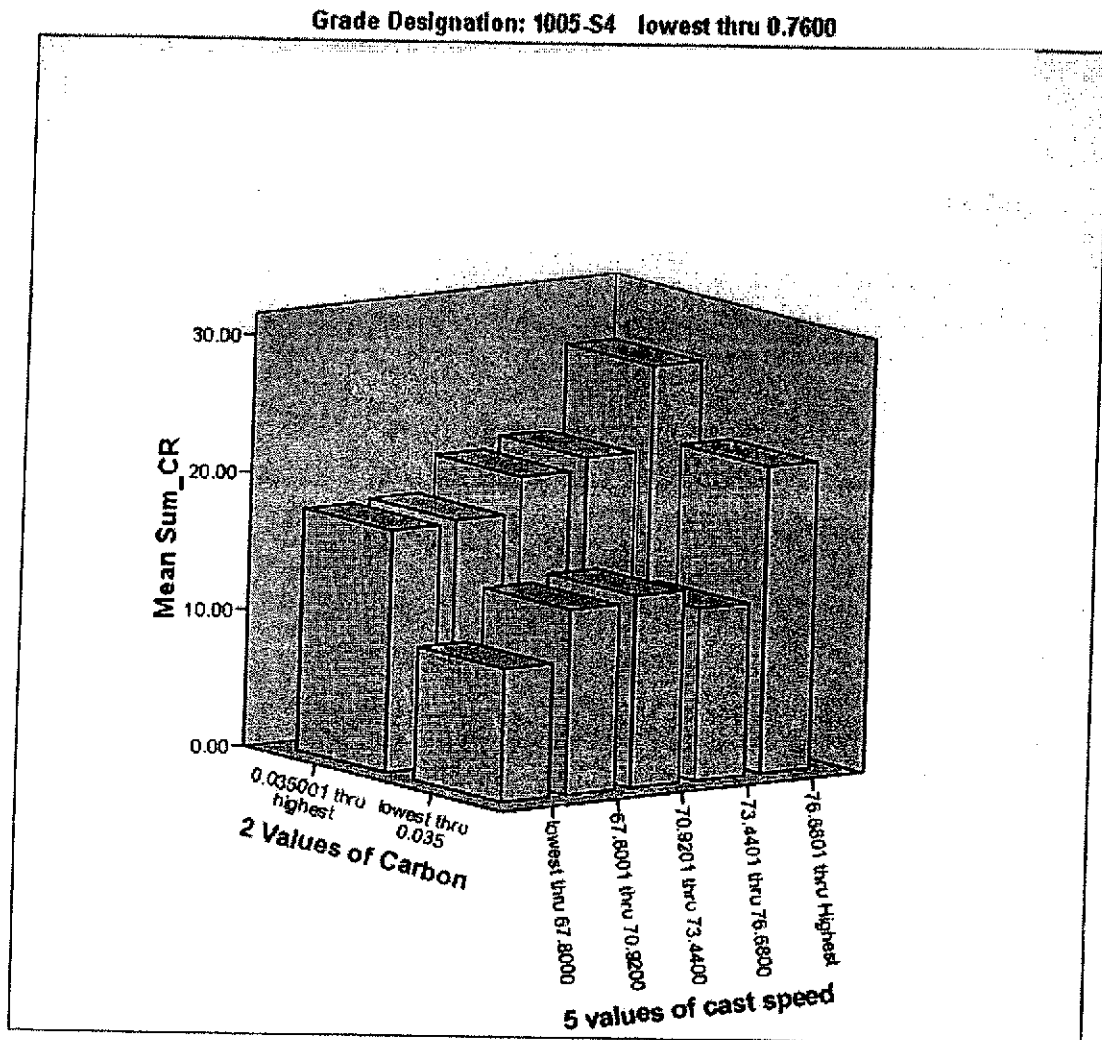


Fig. 22

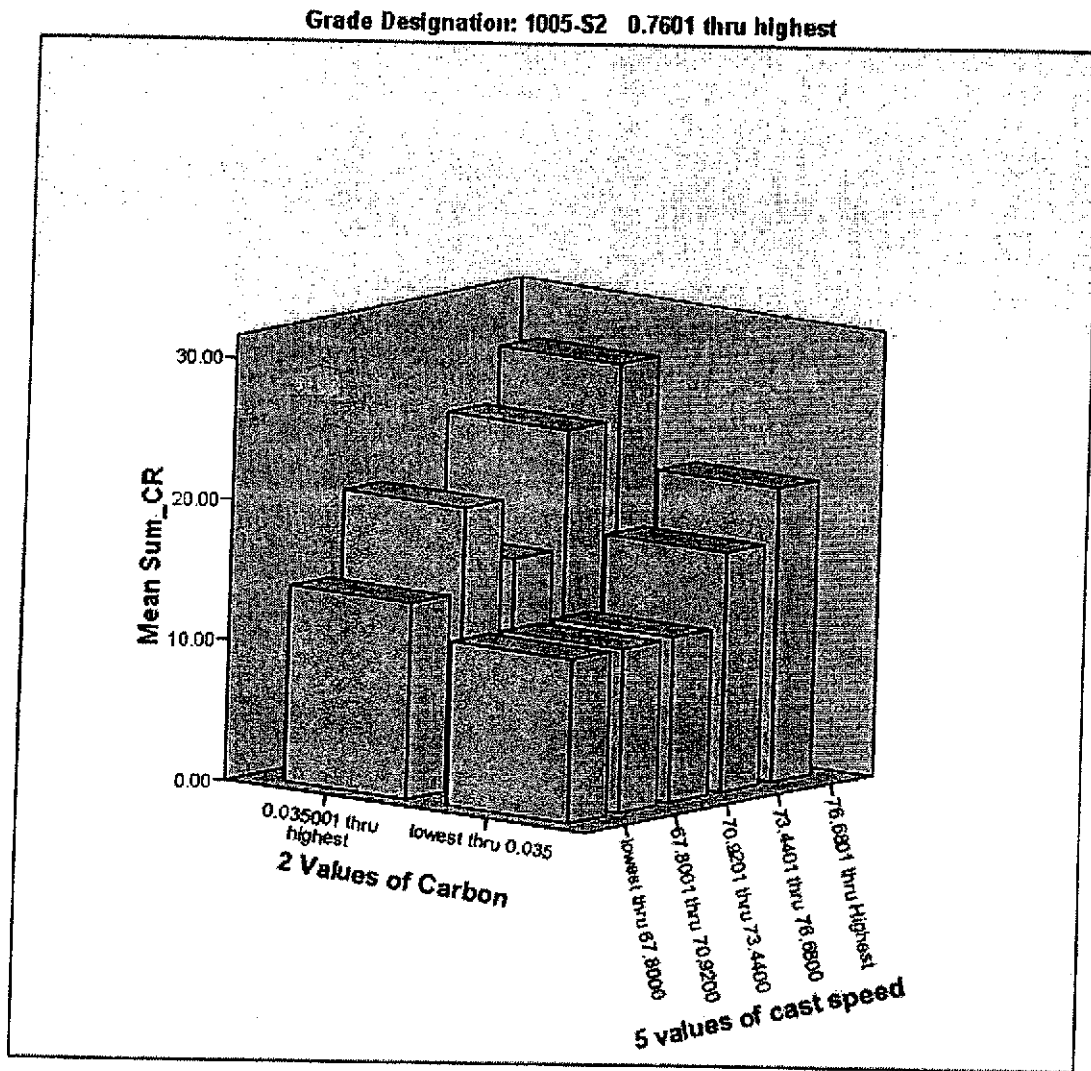


Fig. 23

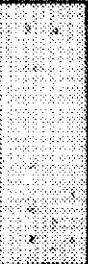
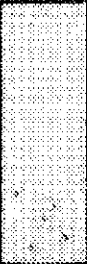
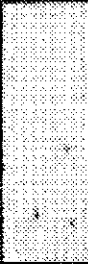
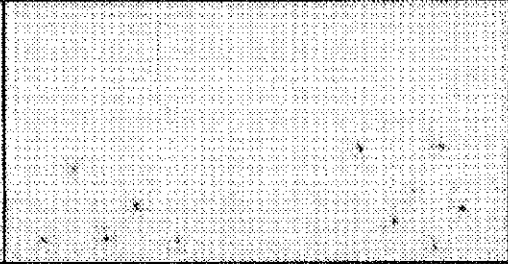
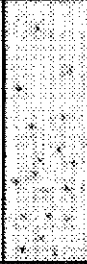
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Date:

Sequence # / Heat # - Coil #: 3415-2, 175406-03

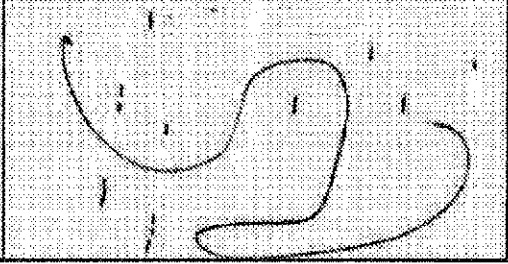
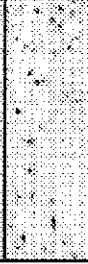
Inspector: *ML*

Bottom Side

DS	BA	BB	BC	BD	BE	BF	BG	OS
								
CR=1		CR=1		CR=1		CR=2		CR=2

Comments: *6% Elong*

Top Side

DS	TA	TB	TC	TD	TE	TF	TG	OS
								
CR=5		CR=4		CR=5		CR=4		CR=3

Comments:

Fig. 24

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Crack Evaluation

Date:

Sequence # / Heat # - Coil #: 3415-3, 175408-03

Inspector: *ML*

Bottom Side

DS	BA	BB	BC	BD	BE	BF	BG	OS
				clean				

Comments: *40% Elong*

Top Side

DS	TA	TB	TC	TD	TE	TF	TG	OS
				clean				

Comments: *At 40% Elong*

Fig. 25