

# Ladder, Safety Cages and Platform Assembly for GSI Farm and Commercial Tanks (European Standard)

Supplemental Manual  
to be used in conjunction with PNEG-1420

PNEG-1420-EU

Date: 08-10-07

GSI GROUP



PNEG-1420-EU



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**NOTE: *This is a supplemental manual to be used in conjunction with the standard ladder manual Pneg-1420.***

## 2.66" Commercial Ladder, Safety Cage and Platform Layout (European Standard)

### 2.66" Commercial Ladder Offset and Platform Layout European Standard

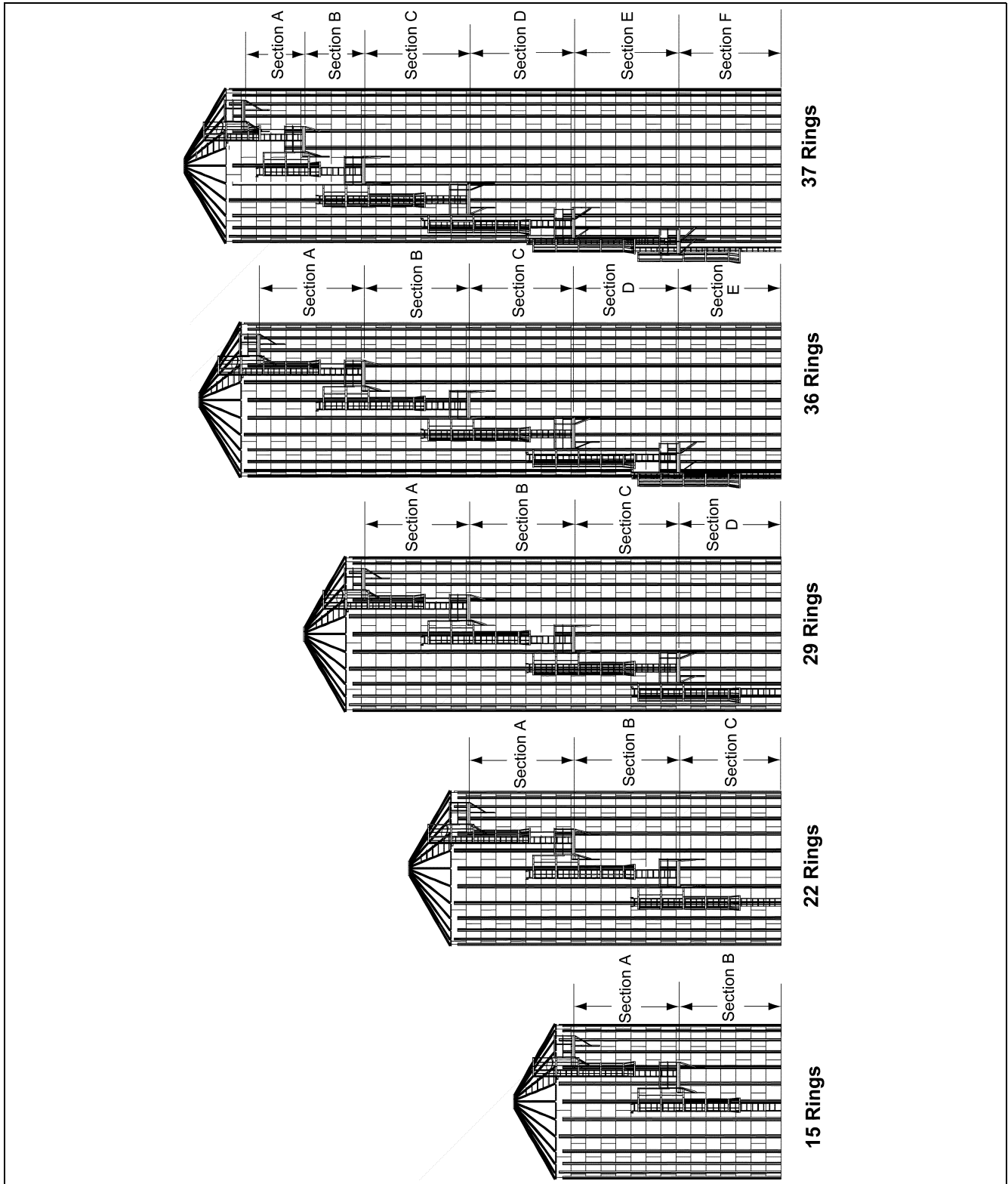


Figure 1A

**NOTE:** See PNEG-1420 for detailed installation instructions.

## 2.66" Commercial Ladder, Safety Cage and Platform Chart

### 2.66" Commercial Ladder Offset and Platform Chart European Standard

Use the chart below in conjunction with the diagrams [on Page 4](#). Follow the proper letter designation from the diagram to the chart and use the number of ladders and safety cages indicated by the [Chart below](#).

ITEM	RINGS																															
	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37			
SECTION A	PLATFORM LOCATED IN RING	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	4 Ft. LADDER SECTION	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
	SAFETY CAGE 4' SECTION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	SAFETY CAGE BELL SIZE	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"	
	<b>DIMENSION A</b>	128"	128"	128"	128"	128"	128"	128"	128"	128"	128"	128"	128"	128"	128"	128"	128"	128"	128"	128"	128"	128"	128"	128"	128"	128"	128"	128"	128"	128"	128"	
SECTION B	PLATFORM LOCATED IN RING	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6		
	4 Ft. LADDER SECTION	5	6	6	7	7	7	5	6	6	7	7	7	7	5	6	6	7	7	7	7	5	6	6	7	7	7	7	7	5		
	SAFETY CAGE 4' SECTION	0	0	1	2	2	2	0	0	1	2	2	2	2	0	0	1	2	2	2	2	0	0	1	2	2	2	2	2	0		
	SAFETY CAGE BELL SIZE	24"	48"	24"	24"	24"	24"	24"	24"	48"	24"	24"	24"	24"	24"	24"	48"	24"	24"	24"	24"	24"	24"	48"	24"	24"	24"	24"	24"	24"	24"	
	<b>DIMENSION B</b>	123"	155"	187"	219"	219"	219"	219"	219"	128"	160"	192"	224"	224"	224"	128"	160"	192"	224"	224"	224"	128"	160"	192"	224"	224"	224"	224"	224"	224"	128"	
	PLATFORM LOCATED IN RING	SECTION C																														
	4 Ft. LADDER SECTION	SECTION C																														
	SAFETY CAGE 4' SECTION	SECTION C																														
	SAFETY CAGE BELL SIZE	SECTION C																														
	<b>DIMENSION C</b>	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	
	PLATFORM LOCATED IN RING	10	11	12	13	14	15	16	10	11	12	13	14	15	16	10	11	12	13	14	15	16	10	11	12	13	14	15	16	10		
	4 Ft. LADDER SECTION	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7		
	SAFETY CAGE 4' SECTION	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
	SAFETY CAGE BELL SIZE	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"	
	<b>DIMENSION D</b>	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	
	PLATFORM LOCATED IN RING	SECTION D																														
	4 Ft. LADDER SECTION	SECTION D																														
	SAFETY CAGE 4' SECTION	SECTION D																														
	SAFETY CAGE BELL SIZE	SECTION D																														
	<b>DIMENSION E</b>	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	
	PLATFORM LOCATED IN RING	17	18	19	20	21	22	23	17	18	19	20	21	22	23	17	18	19	20	21	22	23	17	18	19	20	21	22	23	17		
	4 Ft. LADDER SECTION	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7		
	SAFETY CAGE 4' SECTION	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
	SAFETY CAGE BELL SIZE	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"	
	<b>DIMENSION E</b>	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	
	PLATFORM LOCATED IN RING	SECTION E																														
	4 Ft. LADDER SECTION	SECTION E																														
	SAFETY CAGE 4' SECTION	SECTION E																														
	SAFETY CAGE BELL SIZE	SECTION E																														
	<b>DIMENSION F</b>	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	
	PLATFORM LOCATED IN RING	24	25	26	27	28	29	30	24	25	26	27	28	29	30	24	25	26	27	28	29	30	24	25	26	27	28	29	30	24		
	4 Ft. LADDER SECTION	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7		
	SAFETY CAGE 4' SECTION	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
	SAFETY CAGE BELL SIZE	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"	
	<b>DIMENSION F</b>	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	
	PLATFORM LOCATED IN RING	SECTION F																														
	4 Ft. LADDER SECTION	SECTION F																														
	SAFETY CAGE 4' SECTION	SECTION F																														
	SAFETY CAGE BELL SIZE	SECTION F																														
	<b>DIMENSION G</b>	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	219"	
	PLATFORM LOCATED IN RING	31	SECTION F																													
	4 Ft. LADDER SECTION	7	SECTION F																													
	SAFETY CAGE 4' SECTION	2	SECTION F																													
	SAFETY CAGE BELL SIZE	24"	SECTION F																													
	<b>DIMENSION G</b>	219"	SECTION F																													

# 4.00" Commercial Ladder, Safety Cage and Platform Layout (European Standard)

## 4.00" Commercial Ladder Offset and Platform Layout European Standard

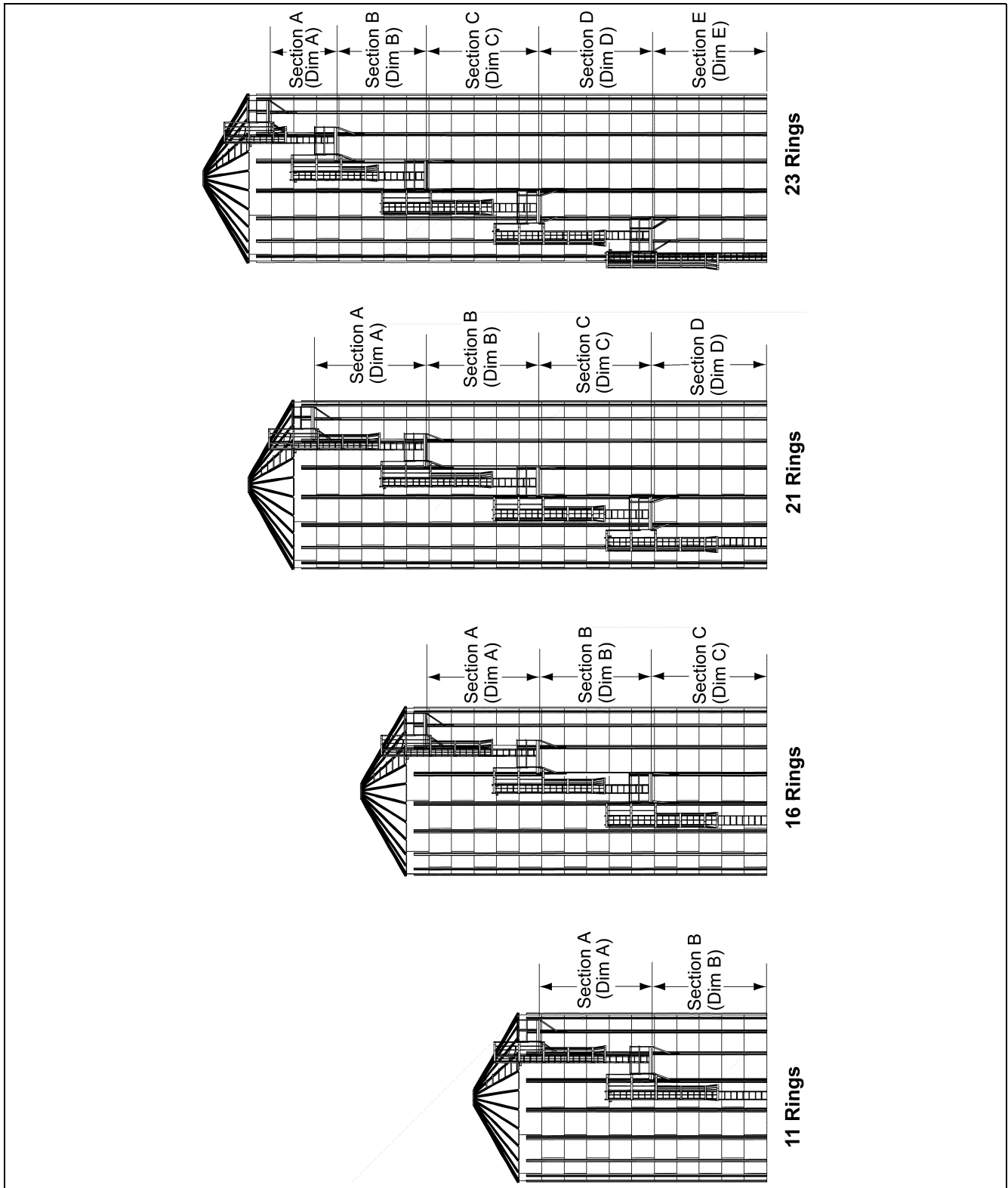


Figure 1B

**NOTE:** See PNEG-1420 for detailed installation instructions.

# 4.00" Commercial Ladder, Safety Cage and Platform Chart

## 4.00" Commercial Ladder Offset and Platform Chart European Standard

Use the chart below in conjunction with the diagrams on Page 6. Follow the proper letter designation from the diagram to the chart and use the number of ladders and safety cages indicated by the Chart below.

ITEM	RINGS																	
	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
SECTION A	PLATFORM LOCATED IN RING	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	4 Ft. LADDER SECTION	4	4	4	5	6	4	4	5	6	4	4	4	5	6	4	4	
	SAFETY CAGE 4' SECTION	0	0	0	1	2	0	0	1	2	0	0	0	1	2	0	0	
	SAFETY CAGE BELL SIZE	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"	
SECTION B	DIMENSION A	132"	132"	132"	176"	220"	132"	132"	176"	220"	132"	132"	132"	176"	220"	132"	132"	
	PLATFORM LOCATED IN RING	4	4	4	5	6	4	4	5	6	4	4	4	5	6	4	4	
	4 Ft. LADDER SECTION	5	6	7	7	7	5	6	7	7	7	6	6	7	7	6	6	
	SAFETY CAGE 4' SECTION	0	1	2	2	2	0	1	2	2	2	1	1	2	2	1	1	
SECTION C	SAFETY CAGE BELL SIZE	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"	
	DIMENSION B	139"	183"	227"	227"	227"	132"	176"	220"	220"	176"	176"	176"	220"	220"	176"	176"	
	PLATFORM LOCATED IN RING	PLATFORM LOCATED IN RING																
	4 Ft. LADDER SECTION	4 Ft. LADDER SECTION																
SECTION D	SAFETY CAGE 4' SECTION	SAFETY CAGE 4' SECTION																
	SAFETY CAGE BELL SIZE	SAFETY CAGE BELL SIZE																
	DIMENSION C	DIMENSION C																
	PLATFORM LOCATED IN RING	PLATFORM LOCATED IN RING																
SECTION E	4 Ft. LADDER SECTION	4 Ft. LADDER SECTION																
	SAFETY CAGE 4' SECTION	SAFETY CAGE 4' SECTION																
	SAFETY CAGE BELL SIZE	SAFETY CAGE BELL SIZE																
	DIMENSION D	DIMENSION D																
SECTION F	PLATFORM LOCATED IN RING	PLATFORM LOCATED IN RING																
	4 Ft. LADDER SECTION	4 Ft. LADDER SECTION																
	SAFETY CAGE 4' SECTION	SAFETY CAGE 4' SECTION																
	SAFETY CAGE BELL SIZE	SAFETY CAGE BELL SIZE																
DIMENSION E	DIMENSION E																	

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# NOTES



## The GSI Group Warranty

THE GSI GROUP (GSI) WARRANTS ALL PRODUCTS WHICH IT MANUFACTURES TO BE FREE OF DEFECTS IN MATERIAL AND WORKMANSHIP UNDER NORMAL USAGE AND CONDITIONS FOR A PERIOD OF 12 MONTHS AFTER RETAIL SALE TO THE ORIGINAL END USER. THE PURCHASER'S SOLE REMEDY AND GSI'S ONLY OBLIGATION SHALL BE TO REPAIR OR REPLACE, AT GSI'S OPTION AND EXPENSE, PRODUCTS THAT, IN GSI'S SOLE JUDGMENT, CONTAIN A MATERIAL DEFECT DUE TO MATERIALS OR WORKMANSHIP. ALL DELIVERY AND SHIPMENT CHARGES TO AND FROM GSI'S FACTORY WILL BE PURCHASER'S RESPONSIBILITY. EXPENSES INCURRED BY OR ON BEHALF OF THE PURCHASER WITHOUT PRIOR WRITTEN AUTHORIZATION FROM AN AUTHORIZED EMPLOYEE OF GSI SHALL BE THE SOLE RESPONSIBILITY OF THE PURCHASER.

EXCEPT FOR THE LIMITED WARRANTY EXPRESSED ABOVE, GSI MAKES NO FURTHER WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING, WITHOUT LIMITATION, WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR USE IN CONNECTION WITH (I) PRODUCT MANUFACTURED OR SOLD BY GSI OR (II) ANY ADVICE, INSTRUCTION, RECOMMENDATION OR SUGGESTION PROVIDED BY AN AGENT, REPRESENTATIVE OR EMPLOYEE OF GSI REGARDING OR RELATED TO THE CONFIGURATION, INSTALLATION, LAYOUT, SUITABILITY FOR A PARTICULAR PURPOSE, OR DESIGN OF SUCH PRODUCTS.

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GSI ASSUMES NO RESPONSIBILITY FOR CLAIMS RESULTING FROM ERECTION DEFECTS OR UNAUTHORIZED MODIFICATIONS TO PRODUCTS WHICH IT MANUFACTURED. MODIFICATIONS TO PRODUCTS NOT SPECIFICALLY DELINEATED IN THE MANUAL ACCOMPANYING THE EQUIPMENT AT INITIAL SALE WILL NULLIFY THE PRODUCT WARRANTY THAT MIGHT HAVE BEEN OTHERWISE AVAILABLE.

THE FOREGOING WARRANTY SHALL NOT EXTEND TO PRODUCTS OR PARTS WHICH HAVE BEEN DAMAGED BY NEGLIGENT USE, MISUSE, ALTERATION OR ACCIDENT. THIS WARRANTY EXTENDS SOLELY TO ONLY PRODUCTS MANUFACTURED BY GSI. THIS WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES EXPRESS OR IMPLIED. GSI RESERVES THE RIGHT TO MAKE DESIGN OR SPECIFICATION CHANGES AT ANY TIME.

PRIOR TO INSTALLATION, PURCHASER HAS THE RESPONSIBILITY TO COMPLY WITH ALL FEDERAL, STATE AND LOCAL CODES WHICH MAY APPLY TO THE LOCATION AND INSTALLATION OF PRODUCTS MANUFACTURED OR SOLD BY GSI.

This equipment shall be installed in accordance with the current installation codes and applicable regulations which should be carefully followed in all cases. Authorities having jurisdiction should be consulted before installations are made.

G S I G R O U P



**GSI Group**  
**1004 E. Illinois St.**  
**Assumption, IL 62510-0020**  
**Phone: 1-217-226-4421**  
**Fax: 1-217-226-4420**  
**[www.grainsystems.com](http://www.grainsystems.com)**