



## ACPA 2022 Chairman's Quality Award

# "Hourly Cage Checks"

## Benefits

- Ensures cages are in the required specifications.
- Trains new personnel on what they are looking for
- Helps with production tracking
- Helps cut down on steel waste.
- Easily readable for Auditor's and DOT inspector's
- Covers everything that is required when doing an inspection.

Reinforcing Inspection Worksheet										
Date: 12722		Size: 30"		Class: 3		Pipe Wall: B		Shift: 1st		
	Spec	Hour 1 Meas.	Hour #2 Meas.	Hour #3 Meas.	Hour #4 Meas.	Hour #5 Meas.	Hour #6 Meas.	Hour #7 Meas.	Hour #8 Meas.	
Dia. Min	34									
Target	34 1/4	34 1/4	34 1/4	34 1/2	34 3/8					
at -0 Max	34 1/2									
Dia. Min	34									
Target	34 1/4	34 1/8	34 1/4	34 1/4	34 1/4					
at -90 Max	34 1/2									
Hori. Wire Spacing	3.4	3 3/8	3 3/8	3 3/8	3 3/8					
Hori. Wire Dia.	.246-.272	.252	.252	.254	.251					
Area Checked	0.180	.199	.199	.203	.198					
Vert. Wire Spacing	8.5 - 9.5	9"	9"	8 7/8"	9"					
Vert. Wire Dia.	.190-.200	.192	.194	.1925	.191					
Length	93.88	94	94	94	94					
	95"									
Lap	n/a									
Bell Min	35									
Target	35 5/8	35 1/2	35 1/2	35 3/4	35 5/8					
Dia.-0 Max	35 3/4									
Bell Min	35									
Target	35 5/8	35 3/4	35 3/8	35 7/16	35 1/2					
Dia.-90 Max	35 3/4									
Weld Check		✓	✓	✓	✓					
		#45	#25	#41	#57					
# Of Cages made (Shift)		63				2	# of cages rejected			

## Problems Avoided

- Helps prevents out of spec cages
- Frees QC personnel to go do other pre/post pour checks
- Helps prevents operators from producing too many of one size.

## Contact Information

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