



Ref:MT: BVIPL:BL/2621/2/2021  
Test order dated : 25.02.2021

1/2  
Date : 22.03.2021

AJAX Engineering Private Limited  
No. 3, 16 & 17 KIADB Industrial Area,  
Doddaballapura – 561 203.

### VERIFICATION REPORT ON SELF LOADING CONCRETE MIXER

Customer's Reference : PO No. 3500002031 dated 02.03.2021  
E-mail dated 25.02.2021 & 22.03.2021  
Date of Verification at Site : 17.02.2021  
Plant : Doddaballapura  
Verification carried out in the presence of # : Mr. Shankar Srinivasan (Marketing) from Ajax  
Mr. Ashok K (Design) from Ajax  
Bureau Veritas Representative : Mr. K.N Manjunatha from BVIPL  
Batching plant Details # : Make : AJAX  
Model : ARGO 4500 with Load cell  
Rated Capacity : 4.5 Cum  
Bucket Capacity : 625 liters  
Technical reference : IS: 4925 – 2004 (Reaffirmed 2015)

#### 1. Aggregate Weighing System :

Actual Load applied (kg)	Reading observed in digital control panel	Error (%)	Permissible error (%) as per IS: 4925 – 2004 (Reaffirmed 2015)
	Ascending order (kg)		
249.4	247	0.96	± 2
299.5	299	0.17	
345.6	343	0.75	
395.8	396	-0.05	
445.6	443	0.58	
496.0	493	0.60	
545.8	545	0.15	
595.9	595	0.15	
644.2	641	0.50	
713.2	713	0.03	

*Praveen Nayak S*  
22/03/2021

Contd.....

**PRAVEEN NAYAK S**  
Senior Engineer

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## 2. Cement Weighing System :

Actual Load applied (kg)	Reading observed in digital control panel	Error (%)	Permissible error (%) as per IS: 4925 – 2004 (Reaffirmed 2015)
	Ascending order (kg)		
253.27	254	-0.29	± 1
304.13	304	0.04	
354.42	355	-0.16	
404.75	405	-0.06	
455.23	453	0.49	
505.51	505	0.100	
555.96	557	-0.19	
606.04	604	0.34	
656.59	657	-0.06	
707.20	708	-0.11	

### Following Guidelines to be adhered during operation of self loading concrete mixture

- \* Calibration procedure to be followed to obtain the accuracy
- \* The machine was operated for 10 mins. For hydraulic oil warm up.
- \* The machine must be operated with constant engine speed during lifting.
- \* The Operator shall control the initial movement of joystick to avoid jerk during lifting, while calibration and regular lifting operation.
- \* All the rotating joints should be well lubricated

**Remarks: AJAX ARGO 4500 is confirming to IS: 4925-2004 (RA 2015) under clause 6.1.2 for the above tested samples subject to minimum batch capacity of 50% of the Loading capacity.**

# As furnished by the customer.

Note: 1. The results relate only to the samples tested.  
2. Report shall not be reproduced, except in full, without the written approval of the lab.  
3. Any correction invalidates this report.

**for BUREAU VERITAS (INDIA) PRIVATE LIMITED**  
**Construction Services Laboratory**

*Praveen Nayak. S*  
22/03/2021

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**PRAVEEN NAYAK S**  
Senior Engineer