



Ref:MT: BVIPL:BL/2266/8/2021/3  
Test order dated :25.08.2021

1/2  
Date :27.08.2021

AJAX Engineering Private Limited  
Plot Nos.: 149, 150 & 151, KIADB Industrial Area, Phase III  
Obadenahalli Village, Kasaba Hobli, Doddaballapur  
Bengaluru - 561203, Karanataka.

### VERIFICATION REPORT ON SELF LOADING CONCRETE MIXER

Customer's Reference : PO No. 3500002149 dated 24.08.2021  
Date of Verification at Site : 18.08.2021  
Project # : Self Loading Concrete Mixer Weighing System  
Site # : Ajax Engineering Pvt. Ltd., Obadenahalli, Doddaballapur  
Verification carried out in the presence of # : Mr. Ashok k from Ajax Engineering Pvt., Ltd.,  
Mr.Chetan Pai from Ajax Engineering Pvt., Ltd.,  
Bureau Veritas Representative : Mr. Manjunatha K.N from BVIPL  
SLCM Details # : Make : AJAX  
Model : CEV-IV ARGO 4300 with Load cell  
Rated Capacity : 4.3 m<sup>3</sup>  
Bucket Capacity : 600 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)		
295.41	297	-0.54	± 2
345.52	346	-0.14	
395.63	396	-0.10	
446.03	447	-0.22	
495.72	497	-0.26	
546.45	549	-0.47	
596.00	599	-0.51	
645.20	648	-0.44	

*Praveen Nayak. S*  
*30/08/2021*  
**PRAVEEN NAYAK. S**  
Quality Manager



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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)		
290.59	296	-0.14	± 1
345.00	345	0.00	
394.66	396	-0.34	
446.48	448	-0.34	
496.17	499	-0.57	
545.83	547	-0.21	
596.41	547	-0.10	
646.63	648	-0.21	

**Following Guidelines to be adhered during operation of Self Loading Concrete Mixer**

- \* 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 4300 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*  
20/08/2021  
**PRAVEEN NAYAK. S**  
Quality Manager

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