INLAND RAIL PROJECT - NARRABRI TO NORTH STAR (N2NS)

SSI 7474 – 6 Monthly Construction Monitoring Report (April – October 2021)

Date:	18/10/2021
To:	Matthew Todd-Jones Team Leader, Rail – Infrastructure Management Planning Services Level 17, 12 Darcy Street | 4 Parramatta Square | Parramatta NSW 2150
From:	Trans4m Rail Joint Venture 64 – 68 Balo Street Moree, NSW 2400
Project:	Inland Rail | Narrabri to North Star SP1 (the "N2NS Project")
Distribution:	Australian Rail Track Corporation (ARTC) N2NS Project Environmental Representative (Project ER) NSW Department of Planning, Industry and Environment (NSW DPIE) NSW Environment Protection Authority (NSW EPA)
Attachments:	Attachment A: Completed Water Cart Tracking Form (Example) Attachment B: Depositional Dust Gauge Results Attachment C: Airborne air quality (PM10) data – Croppa Creek Attachment D: Dilapidation Survey Results – Unsealed Roads Attachment E: Dilapidation Survey Results – Sealed Roads Attachment F: Vibration Monitoring Results – Gurley Silos (17th May – 23 June 2021)

Construction works on the Narrabri to North Star SP1 Project (N2NS Project) commenced on the 10th April 2021 following the NSW Environment Protection Authority (NSW EPA) issuing the full Environment Protection Licence (EPL) on the 1st April and the Department of Planning, Industry and Environment (NSW DPIE) approving the Project's Construction Environmental Management Plan (and Sub-Plans) on the 7th April 2021.

As detailed in CoA C14, the following Construction Monitoring Programs have been developed for the N2NS Project and are contained within the relevant Sub-Plans to the Construction Environmental Management Plan:

- Noise and Vibration
- Water Usage
- Air Quality
- Physical Condition of local roads

As required under CoA C20, this 6 Monthly Construction Monitoring Report has been prepared to summarise the results of these Construction Monitoring Programs.

The environmental works undertaken during this reporting period included the following:

- Preparation of environmental deliverables, including, but not limited to: CPESC Certified Erosion and Sediment Control Plans, Site Environmental Plans, Site Specific Flood Preparation Plans, Pollution Incident Response Management Plan, Construction Noise and Vibration Impact Statement, etc.

- Establishment of Erosion and Sediment Controls in accordance with the CPESC Certified Erosion and Sediment Control Plan.
- Establishment of No-Go Zones and demarcation of the Construction Impact Zones (CIZ) through Stages 2 and 3, based on priority locations.
- Pre-Clearance Surveys and spotter-catcher duties undertaken by suitably qualified Ecologists.
- Vegetation clearing, slashing and weed management works through Stage 2 and Stage 3.
- Trans4m Rail Environmental Personnel undertook numerous environmental inspections during the reporting period, with no serious observations or major non-compliances identified. This included targeted inspections with the Project's CPESC, the Project's Ecologist and / or the Project's Environmental Representative (ER).
- Deposition Dust Monitoring occurred at 3 locations (Gurley Township, Laydown Pad 2 and Laydown Pad 4 (Moree)). A further 10 depositional dust gauges were procured during this period for dust monitoring in Stages 1 and 3. These will be deployed in Oct 2021. In addition to this, airborne particulate (PM10) matter monitoring commenced during this reporting period.
- Ongoing implementation of the Project's complaints receival and management process.
- Implementation of the Project's waste management process and procedures.

The environmental initiatives that occurred during this reporting period included:

- Trans4m Rail Personnel facilitated a workshop attended by key Project personnel including subject matters experts to improve the current design of the piling pads used in waterways across the project. The findings of this workshop have been shared with ARTC, the ER and the NSW EPA. The findings include additional low flow conveyance measures and additional protection of the downstream batter of the piling pads. These improvements have been completed across the project.
- Successfully planned and executed the diversion and switch of Tycannah Creek.
- In consultation with ARTC, significantly reduced the clearing requirements on the Project by developing and agreeing on a new suite of fencing principles.
- Procured a purpose-built hydromulch / soil binder application trailer for use on the project. This is on-site and operational.
- Participated in a lessons learnt session to identify areas of improvement following the construction of Stage 2Ai and Stage 2Aii on the Project.

Table 1: Results and / or findings of the Construction Monitoring Programs

<table>
<tr>
<td>Noise and Vibration Monitoring Program</td>
<td>
<u>Vibration Monitoring</u>
Vibration monitoring was undertaken from 17th May 2021 – 23rd June 2021, at the Gurley Silos as construction works occurred in close proximity (approx. 6m) to these structures.
NOTE: The indicative minimum working distance (triggering monitoring) for the Project is 10 metres for sound structures and 20 metres for unsound structures.
The monitoring works were undertaken by a suitably qualified and experienced Acoustic Consultant from Renzo Tonin & Associates.
The Project's Construction Noise and Vibration Management Sub-Plan (CNVMP) specifies the use of the vibration criteria as detailed in the British Standard 7385 Part 2 (1993). This includes the following:
<table>
<tr><th>LINE</th><th>TYPE OF STRUCTURE</th><th>FREQUENCY RANGE 4 TO 15 HZ</th><th>FREQUENCY RANGE 15 TO 40 HZ</th><th>FREQUENCY RANGE 40 HZ AND ABOVE</th></tr>
<tr><td>1</td><td>Reinforced or framed structures
Industrial and heavy commercial buildings</td><td>50 mm/s</td><td>50 mm/s</td><td>50 mm/s</td></tr>
<tr><td>2</td><td>Unreinforced or light framed structures
Residential or light commercial type buildings</td><td>15 mm/s at 4Hz, increasing to
20 mm/s at 15Hz</td><td>20 mm/s at 15Hz, increasing to
50 mm/s at 40Hz</td><td>50 mm/s</td></tr>
</table>
</td>
</tr>
</table>

	In this case, due to the use of dynamic compactors, a more conservative vibration damage screening level was applied. This is detailed below: ▸ ***Reinforced or framed structures (Line 1): 25.0 mm/s*** ▸ Unreinforced or light framed structures (Line 2): 7.5 mm/s. NOTE: In this case, the Gurley Silos are considered reinforced, framed structures. During the monitoring, all results were found to comply with the conservative vibration screening level of 25.0 mm/s, noting the maximum velocity reported during this monitoring was 8.40mm/s, recorded as vertical (V) movement on the 08th June 2021 @ 08:24am. The full vibration results are provided in Attachment F. <u>Noise Monitoring</u> No formal noise monitoring has been undertaken to date on the N2NS Project. The following noise monitoring will be undertaken in coming weeks and the findings included in the next Construction Monitoring Report: - Noise monitoring relating to typical plant and equipment; - Noise monitoring along the construction alignment where works are progressing to confirm that the noise levels predicted in the Construction Noise and Vibration Impact Statement are accurate; and - Noise monitoring associated with Out of Hours Works (OOHW).
Water Usage Monitoring Program	Environmental monitoring, in particular that of construction water usage, has been conducted for the duration of the construction phase of the Project as required under CoA C14 (b) and RMM C7.2. As per the Inland Rail Construction Water Plan Narrabri to North Star (Golder Associates, January 2020) a total of approximately 1,215ML of construction water was estimated to be used for the construction of the N2NS Project. However, the strategies developed by Trans4m Rail suggest that this will be significantly reduced. The aforementioned SSI monitoring seeks to establish the water usage volume by measuring the water usage on the Project. Trans4m Rail's construction water strategy has been modified since the commencement of the Project. Construction water was initially proposed to be sourced from municipal supplies (both potable and non-potable); however Trans4m Rail has since developed contracts with numerous landholders along the alignment for the purchase of farm dam water. In addition, a substantial amount of captured stormwater (from numerous floods and rain events since the commencement of construction) has been used during the construction purposes. The current water usage for construction on the Project is: - 10.03ML of non-potable water; and - 536.40KL of potable water. The non-potable water is utilised for dust suppression, lime slacking and compaction and although at the outset of the project potable water was also used for these purposes it is now primarily used for on-site amenities only. The output is collated from water cart data, which outlines a number of aspects regarding the water usage including: the provider, the load size, the source or origin of the water, the number of loads and the final destination and use of the water. Please see Attachment A below for an example of a completed water cart form. This information is further

<table>
<tr><td></td><td>separated based on whether water is potable or non-potable and individual entries are recorded for each provider to ascertain any trends that may be occurring.

Whilst the data collection occurs on a daily basis this information is also collated on a monthly basis to be reported against baseline data to ARTC. Furthermore, this monthly data is analysed to see emerging trends within the Project for water usage and determine if any additional mitigation measures are required. The data so far reveals an overwhelming usage of non-potable water as opposed to potable water primarily due to the significant rainfall experienced throughout the region.</td></tr>
<tr><td>Air Quality Physical</td><td>Depositional Dust Gauges (DDGs) were established at 3 locations on the project in February 2021 in accordance with the Depositional Dust Monitoring Procedure in the Project's Construction Soil and Water Management Sub-Plan. The intent of the gauges were to capture background air quality (deposited dust) prior to construction activities commencing and throughout the construction process. The depositional dust gauge monitoring during the period did not identify any exceedances of the adopted air quality criteria:

<table>
<tr><th>Pollutant</th><th>Averaging period</th><th>Criteria</th></tr>
<tr><td>Dust Deposition[c]</td><td>Annual</td><td>2 g/m^2/month[a]
4 g/m^2/month[b]</td></tr>
</table>
a. Maximum increase in deposited dust level.
b. Maximum total deposited dust level.
c. Dust is assessed as insoluble solids as defined by AS 3580.10.1–1991 (AM-19).

The full results for the monitoring period are provided in Attachment B.

During the reporting period another 10 depositional dust gauges were procured and will be distributed throughout Stage 1 and Stage 3 in Oct 2021. The results from these additional gauges will be included in the next report.

Airborne Particulate Matter (PM10) Monitoring commenced during this reporting period. The photometer was established at Croppa Creek with the intent of capturing background air quality data prior to bulk earthworks commencing in the area (due to commence in Nov 2021).

The photometer commenced monitoring at 3:25pm (27/09/2021), but due to equipment failure stopped monitoring at 9:33pm (03/10/2021). This equipment issue has now been rectified and the photometer is back on-site and recording.

<table>
<tr><th>Pollutant</th><th>Averaging period</th><th>Criteria[1]</th></tr>
<tr><td>PM10</td><td>24 Hours</td><td>50 µg/m^3</td></tr>
</table>
1. Based on the Air NEPM and the Approved Methods

During this monitoring period, the average PM10 concentration recorded was 0.003mg/m^3 (3 µg/m^3) and the maximum PM10 concentration recorded was 0.084 (84 µg/m^3). The data is provided in Attachment C.</td></tr>
<tr><td>Local Road Condition Monitoring Report</td><td>Pavement Management Services Pty Ltd were commissioned by Trans4M Rail to conduct a pavement condition assessment of the major and local roads that would be used during the construction of the Narrabri to North Star (N2NS). The purpose of the assessment was to determine the current pavement condition of all roads that are to be used for haulage during the construction of the N2NS Project. The information collected will establish a baseline for comparison with the condition during and after the completion of the project. The pre-construction survey was performed between 30th and 31st March 2021, using an Automated Road ANalyzer (ARAN) vehicle, which collected high speed laser data (roughness and rutting).</td></tr>
</table>

The ARAN vehicle is also equipped with high resolution wide-angle cameras which captured existing defects like cracking, stripping, pothole, patching and other defects, including corrugation, shoving, depression and unsuccessful patches.
The field data collection was undertaken prior to any rectification works follow the flood event on 23rd –25th March 2021 in the Moree area. Therefore, any rectification work was undertaken after the survey stage (30th and 31st March 2021) will be not be reflected in the data on this report.
The roads surveyed during this assessment are detailed below:

Stage	Identifier	From Description	To Description	Road Surface
2	2A1_S	Newell Hwy: Penneys Rd	Newell Hwy: Mehi River (Moree)	Sealed
	2A2_S	Newell Hwy: Mehi River (Moree)	Newell Hwy: Penneys Rd	Sealed
	Gate 62.55	Gate 62.55 – Penneys Ln		Sealed
	2A1_U	Gate 62.79 – Waterloo Rd		Unsealed
	2A2_U	Gate 63.12 – Kanimbla Rd		Unsealed
	2A3_U	Gate 63.45 – Turners Rd (Private)		Unsealed
	2A4_U	Gate 62.57 – Gurley Creek Rd		Sealed
	2A5_U	Gate 63.63 – Silo Rd (North of Gurley GrainCorp – Private)		Unsealed
	2A6_U	Gate 64.11 – Coomooma (Private)		Unsealed
	2A7_U	Gate 64.36 – Gurley Settlers Rd		Unsealed
	2A8_U	Gate 64.95 – Tycannah Access (Private)		Unsealed
	2A9_U	Gate 65.81 – Tapscott Rd		Sealed
	2A10_U	Gate 65.99 – Burrington Rd		Unsealed
	2A11_U	Gate 66.45 – Bullus Drive		Sealed
3A	3A1_S	Lou Swan Way (Mehi River)	Alma Lane (via Newell Hwy, Back Pally Rd and County Boundary Rd	Sealed
	3A2_S	Alma Lane (via Newell Hwy, Back Pally Rd and County Boundary Rd)	Lou Swan Way (Mehi River)	Sealed
	3A1_U	Roydon Rd (between Back Pally Rd and the rail alignment)		Unsealed
	3A2_U	Wongabindie Rd (between Back Pally Rd and the rail alignment)		Unsealed
	3A3_U	Calimpa Rd (between County Boundary Rd and the rail alignment)		Unsealed
	3A4_U	Alma Ln (between County Boundary Rd and the rail alignment)		Unsealed
3B	3B1_U	County Boundary Road (between Alma Lane and Gil Gil Creek Road)		Unsealed
	3B2_U	Gil Gil Creek Rd (between County Boundary Rd and Crooble Rd) and Crooble Road (between Gil Gil Creek Road and Croppa Moree Rd))		Unsealed
	3B3_U	County Boundary Rd (between Gil Gil Creek Rd and Croppa Moree Rd)		Unsealed
	3B1_S	Croppa Moree Rd (Five Ways)	Sealed	Sealed
	3B2_S	Edward Street	Sealed	Sealed
	3B4_U	Bushes Access Rd (between Croppa-North Star Rd and the rail alignment)		Unsealed

As sealed and unsealed roads have different characteristics, the observations vary between wearing course type.

Surface Type	Distress and Defects	Data Type
Sealed	Roughness, Rutting, Crocodile Cracking, Environmental Cracking, Stripping, Pothole, Patching, corrugation, shoving, depression and unsuccessful patches	Laser and Visual
Unsealed	Shape Loss and Cross Section	Visual

The condition of most of the sealed roads is excellent in terms of roughness, rutting and defects. For the unsealed roads, isolated characteristics of shape loss and change in cross section have been reported.

The data recorded during assessment has been included in Attached D (Unsealed Road) and Attachment E (Sealed Roads).

In addition to this, construction phase monitoring is being undertaken by T4MR personnel on approx. 3 monthly intervals. The local roads being used for haulage are surveyed by T4MR Engineers (or delegates) and the condition of the road recorded via dash cam.
No damage requiring rectification has been identified by this monitoring, noting that damage that is observed by project personnel (or reported to the Project by external parties) is rectified on an ad-hoc basis at the time of observation.

The environmental focus for the next reporting period includes:

- Complete the review and update of the Project's Construction Environment Management Plan and Sub-Plans.
- Establish additional depositional dust monitoring locations in Stages 1 and 3.
- Education and awareness of environmental risks and impacts on the Project.

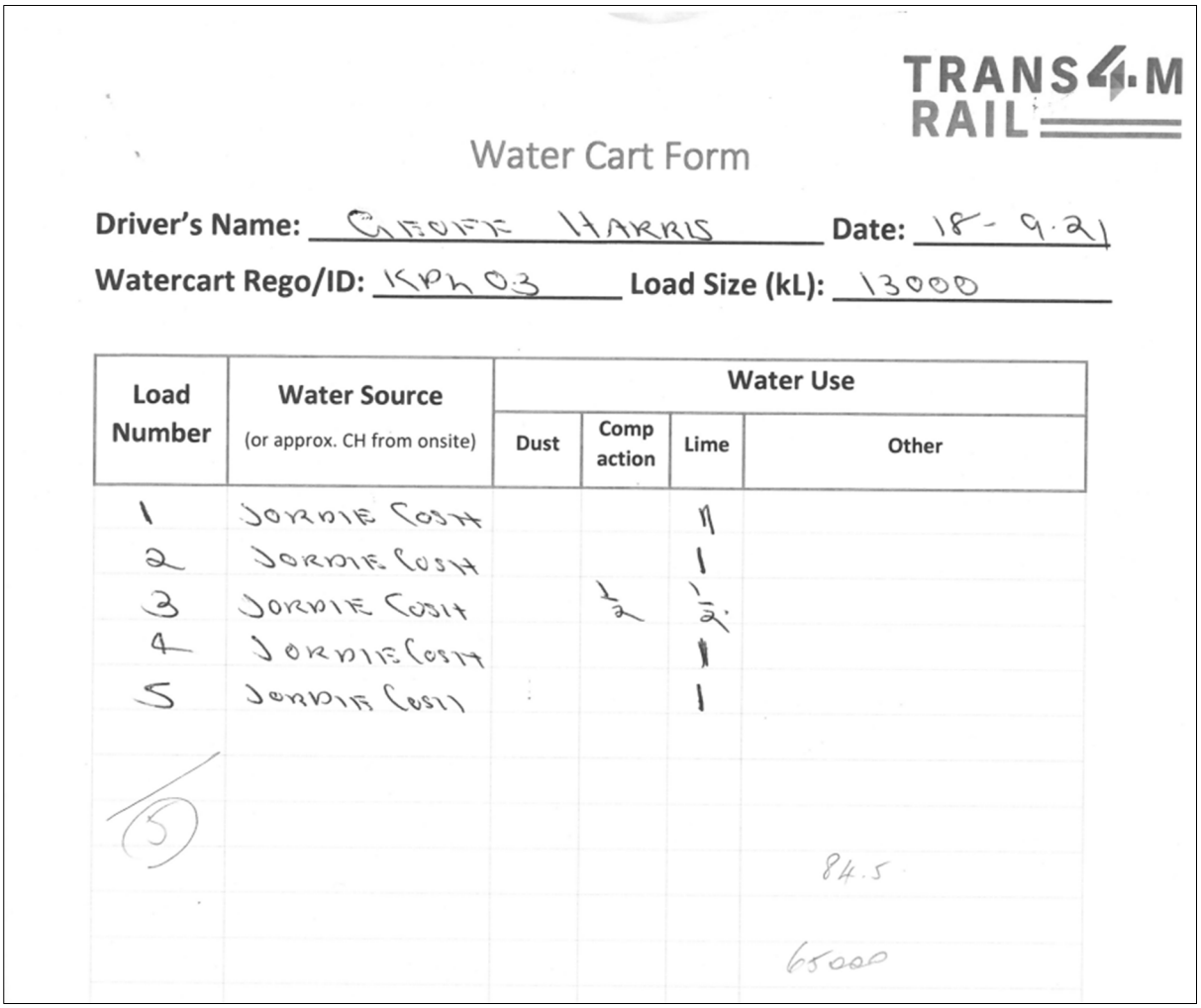
Please don't hesitate to contact Michael Matthews or Adam Playne should you have any further questions in relation to this matter.

Yours sincerely

Michael Matthews (Adam Playne (pp))
Manager Environment and Sustainability
Trans4m Rail

ATTACHMENTS

Attachment A: Completed Water Cart Form (*Example*)



Water Cart Form

Driver's Name: GEOFF HARRIS **Date:** 18-9-21

Watercart Rego/ID: KPH03 **Load Size (kL):** 13000

Load Number	Water Source (or approx. CH from onsite)	Water Use			
		Dust	Comp action	Lime	Other
1	JORDIE COSH			1	
2	JORDIE COSH			1	
3	JORDIE COSH		½	½	
4	JORDIE COSH			1	
5	JORDIE COSH			1	
5					
					84.5
					65000

Attachment B: Depositional Dust Gauge Results (Feb 2021 – July 2021)

Monitoring Period	PAD 2 Total Insoluble Matter (g/m^2/month)	PAD 4 Total Insoluble Matter (g/m^2/month)	Gurley Total Insoluble Matter (g/m^2/month)
Feb-21	***0.3***	***4.4***	***1.1***
Mar-21	***0.7***	***0.4***	***0.5***
Apr-21	2.0	1.6	0.8
May-21	0.4	1.0	0.5
Jun-21	1.3	0.5	1.2
Jul-21	1.0	0.2	0.2
Aug-21			
Sep-21			
Oct-21			
Nov-21			
Dec-21			
Annual Average	**0.95**	**1.35**	**0.72**

NOTE:
Bold, italised text are considered pre-construction, background data.
The results from the August monitoring are still with the lab and the DDG's for the September monitoring period have been collected and awaiting delivery to the lab for analysis.
Certificate of Analysis can be provided upon request.

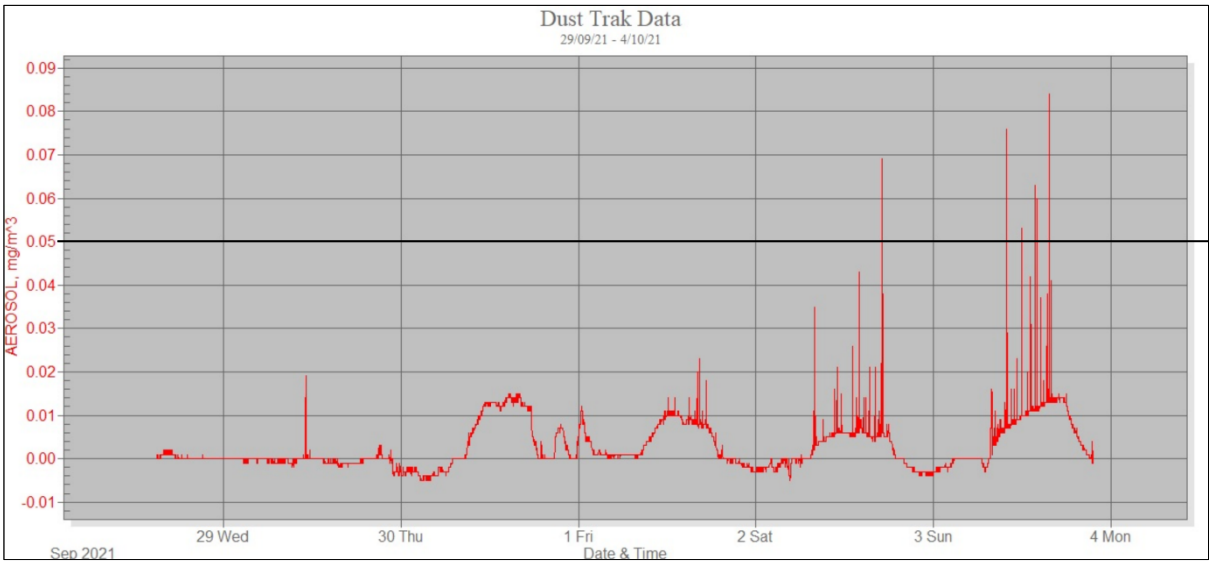
Pollutant	Averaging period	Criteria
Dust Deposition[c]	Annual	2 g/m^2/month[a] 4 g/m^2/month[b]

a. Maximum increase in deposited dust level.

b. Maximum total deposited dust level.

c. Dust is assessed as insoluble solids as defined by *AS 3580.10.1–1991 (AM-19).*

Attachment C: Airborne air quality (PM10) data – Croppa Creek



NOTE:
Adopted air quality criteria - 0.05mg/m^3 (50µg/m^3)

Attachment D: Dilapidation Survey Results – Unsealed Roads

Stage	Road Name	Identifier	Lane	Shape Loss Score (% Area)						Cross Section (% Area)
				0	1	2	3	4	5	
Stage 2	Gate 62.79	2A1_U	1	99.432	0.000	0.000	0.568	0.000	0.000	19.590
	Gate 63.12	2A2_U	1	100.000	0.000	0.000	0.000	0.000	0.000	20.152
	Gate 63.45	2A3_U	1	93.170	0.000	0.625	6.205	0.000	0.000	8.096
	Gate 62.57	2A4_U	1	100.000	0.000	0.000	0.000	0.000	0.000	0.000
	Gate 63.63	2A5_U	1	100.000	0.000	0.000	0.000	0.000	0.000	24.102
	Gate 64.11	2A6_U	1	86.105	0.000	0.000	0.244	13.651	0.000	14.596
	Gate 64.36	2A7_U	1	91.204	0.000	0.548	1.105	0.000	7.143	10.262
	Gate 64.95	2A8_U	1	98.690	0.000	0.000	0.727	0.582	0.000	12.937
	Gate 65.81	2A9_U	1	100.000	0.000	0.000	0.000	0.000	0.000	0.000
	Gate 65.99	2A10_U	1	NIL	NIL	NIL	NIL	NIL	NIL	NIL
	Gate 66.45	2A11_U	1	100.000	0.000	0.000	0.000	0.000	0.000	0.000
Stage 3A	Roydon Rd	3A1_U	1	97.568	0.004	0.000	0.144	2.121	0.162	0.000
	Wongabindie Rd	3A2_U	1	NIL	NIL	NIL	NIL	NIL	NIL	NIL
	Calimpa Rd	3A3_U	1	55.321	0.000	0.000	0.011	29.436	15.232	17.304
	Alma Ln	3A4_U	1	57.534	0.000	0.000	0.008	42.458	0.000	1.114
Stage 3B	Alma Ln to Gil Gil Creek Rd	3B1_U	1	99.831	0.020	0.020	0.106	0.022	0.000	35.513
	Gil Gil Creek Rd (County Boundary Rd to Croppa Moree Rd)	3B2_U	1	NIL	NIL	NIL	NIL	NIL	NIL	NIL
	County Boundary Rd (Gil Gil Creek Rd to Croppa Moree Rd)	3B3_U	1	94.269	0.039	0.070	0.696	3.484	1.442	20.438
	Bushes Access Rd	3B4_U	1	48.098	0.000	0.000	0.000	4.046	47.857	64.640

Attachment E: Dilapidation Survey Results – Sealed Roads

Cracking

Stage	Road Name	Identifier	Lane	Crocodile Cracking Extent (% Area)				Environmental Cracking Extent (% Area)			
				0	1	2	3	0	1	2	3
Stage 2	Newell Hwy	2A1_S	1	99.537	0.045	0.134	0.284	99.695	0.245	0.047	0.014
		2A2_S	2	99.579	0.001	0.131	0.288	99.723	0.184	0.072	0.021
	Penneys Ln	Gate 62.55	1	96.974	0.132	1.184	1.710	89.383	0.000	0.118	10.499
	Gurley Creek Rd	2A4_U	1	100.000	0.000	0.000	0.000	99.922	0.000	0.078	0.000
	Tapscott Rd	2A9_U	1	99.584	0.416	0.000	0.000	99.460	0.125	0.416	0.000
Stage 3A	Lou Swan Way Mehi River Crossing to Milguy	3A1_S	1	99.915	0.058	0.021	0.006	98.975	0.411	0.336	0.278
		3A2_S	2	99.988	0.010	0.002	0.000	99.716	0.157	0.086	0.041
Stage 3B	Milguy to North Star Rd	3B1_S	1	98.784	0.741	0.395	0.079	98.629	0.656	0.548	0.166
		3B2_S	2	99.422	0.174	0.241	0.164	98.458	0.980	0.446	0.116

Stripping Pavement

Stage	Road Name	Identifier	Lane	Stripping Extent (% Area)				
				0	1	2	3	4
Stage 2	Penneys Ln	Gate 62.55	1	99.435	0.565	0.000	0.000	0.000
	Newell Hwy	2A1_S	1	99.820	0.029	0.034	0.045	0.073
		2A2_S	2	99.873	0.044	0.052	0.022	0.009
	Gurley Creek Rd	2A4_U	1	98.708	0.246	1.047	0.000	0.000
Stage 3A	Lou Swan Way Mehi River Crossing to Milguy	3A1_S	1	98.755	0.118	0.186	0.536	0.405
		3A2_S	2	99.941	0.025	0.032	0.002	0.000
Stage 3B	Milguy to North Star Rd	3B1_S	1	98.983	0.120	0.227	0.469	0.202
		3B2_S	2	99.401	0.132	0.096	0.146	0.225

Pothole & Patching

Stage	Road Name	Identifier	Lane	Pothole (% Area)					Patching (% Area)				
				0	1	2	3	4	0	1	2	3	4
Stage 2	Penneys Ln	Gate 62.55	1	98.579	0.237	0.000	1.184	0.000	66.876	0.053	0.526	0.000	32.545
	Newell Hwy	2A1_S	1	99.999	0.001	0.000	0.000	0.000	95.596	0.026	0.033	0.058	4.287
		2A2_S	2	99.998	0.002	0.000	0.000	0.000	97.844	0.018	0.031	0.038	2.068
	Tapscott Rd	2A9_U	1	NIL	NIL	NIL	NIL	NIL	84.343	0.000	0.554	0.000	15.103
Stage 3A	Lou Swan Way Mehi River Crossing to Milguy	3A1_S	1	99.972	0.024	0.002	0.002	0.000	96.979	0.055	0.093	1.042	1.831
		3A2_S	2	99.983	0.017	0.000	0.000	0.000	99.139	0.047	0.223	0.073	0.518
Stage 3B	Milguy to North Star Rd	3B1_S	1	99.872	0.097	0.023	0.000	0.008	96.976	0.188	0.323	0.667	1.845
		3B2_S	2	99.930	0.065	0.005	0.000	0.000	97.321	0.164	0.243	0.555	1.717

Other Pavement Defects

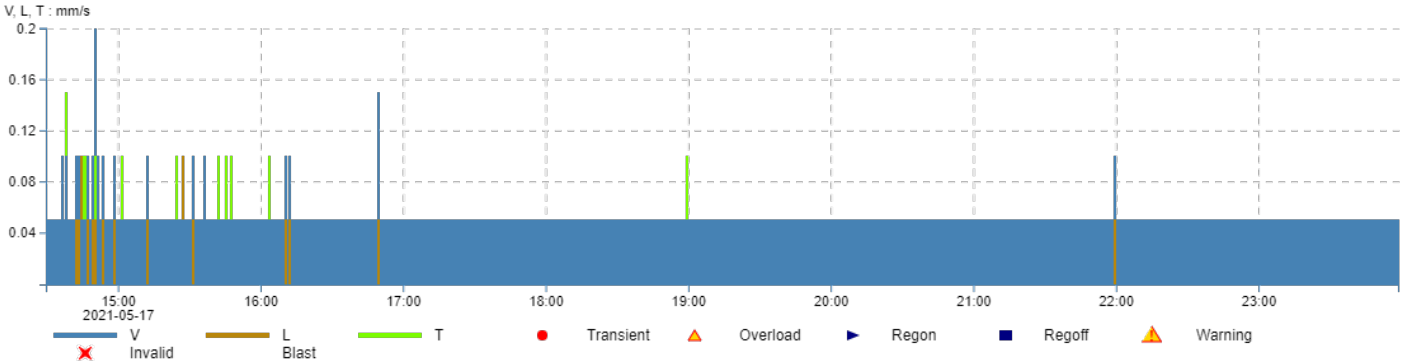
Stage	Road Name	Identifier	Lane	Other Pavement Defects - Extent (% Area)					
				0	1	2	3	4	5
Stage 2	Newell Hwy	2A1_S	1	99.894	0.106	0.000	0.000	0.000	0.000
		2A2_S	2	99.406	0.266	0.287	0.041	0.000	0.000
Stage 3A	Lou Swan Way Mehi River Crossing to Milguy	3A1_S	1	99.782	0.118	0.086	0.003	0.011	0.000
		3A2_S	2	98.530	0.057	0.836	0.577	0.000	0.000
Stage 3B	Milguy to North Star Rd	3B1_S	1	99.165	0.509	0.174	0.135	0.017	0.000
		3B2_S	2	99.962	0.019	0.014	0.004	0.000	0.000

Attachment F: Vibration Monitoring Results – Gurley Silos (17th May – 23 June 2021)

Trans4m Rail Joint Venture ABN: 84 996 025 181
108 Siganto Drive, Helensvale QLD 4212| PO Box 903, Oxenford QLD 4210
T: 07 5671 9601

Interval report

Project	Moree Silos
Project maintainer	Angus Leslie
Time frame	2021-05-17 14:30 - 2021-05-17 23:59 (Australia/Brisbane)
Measure point	MP_1
Location	-
Sensor type	C22
Serial no.	102476
Master(s) serial no.	102476
Latest calibration	2019-05-13
Standard	DIN4150-3 Anlage 250mm/s 1-315Hz
Unit	mm/s
Quantity	Velocity
Interval time	1 min
Frequency weighting	OFF
Max	V: 0.20 mm/s, L: 0.10 mm/s, T: 0.15 mm/s

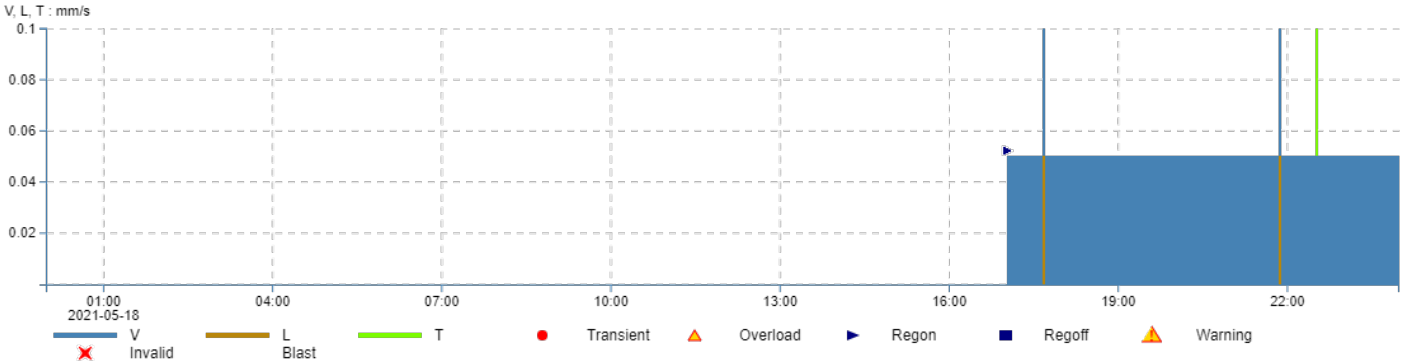


X-span	2021-05-17 14:30:00 - 2021-05-17 23:59:00
Y-span	V, L, T : mm/s: 0.0 - 0.20, rV, rL, rT : %: 0.0 - 1.0

	V	L	T
Max	0.20 mm/s	0.10 mm/s	0.15 mm/s
Date	2021-05-17	2021-05-17	2021-05-17
Time	14:51:00	14:37:00	14:39:00

Interval report

Project	Moree Silos
Project maintainer	Angus Leslie
Time frame	2021-05-18 00:00 - 2021-05-18 23:59 (Australia/Brisbane)
Measure point	MP_1
Location	-
Sensor type	C22
Serial no.	102476
Master(s) serial no.	102476
Latest calibration	2019-05-13
Standard	DIN4150-3 Anlage 250mm/s 1-315Hz
Unit	mm/s
Quantity	Velocity
Interval time	1 min
Frequency weighting	OFF
Max	V: 0.10 mm/s, L: 0.050 mm/s, T: 0.10 mm/s

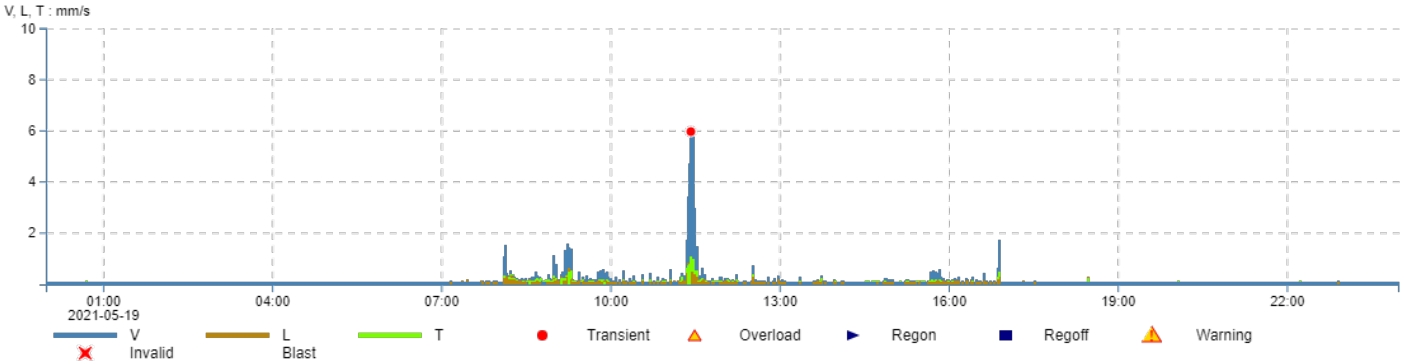


X-span	2021-05-18 00:00:00 - 2021-05-18 23:59:00
Y-span	V, L, T : mm/s: 0.0 - 0.10

	V	L	T
Max	0.10 mm/s	0.050 mm/s	0.10 mm/s
Date	2021-05-18	2021-05-18	2021-05-18
Time	17:41:00	17:03:00	22:32:00

Interval report

Project	Moree Silos
Project maintainer	Angus Leslie
Time frame	2021-05-19 00:00 - 2021-05-19 23:59 (Australia/Brisbane)
Measure point	MP_1
Location	-
Sensor type	C22
Serial no.	102476
Master(s) serial no.	102476
Latest calibration	2019-05-13
Standard	DIN4150-3 Anlage 250mm/s 1-315Hz
Unit	mm/s
Quantity	Velocity
Interval time	1 min
Frequency weighting	OFF
Max	V: 5.95 mm/s, L: 0.80 mm/s, T: 1.050 mm/s

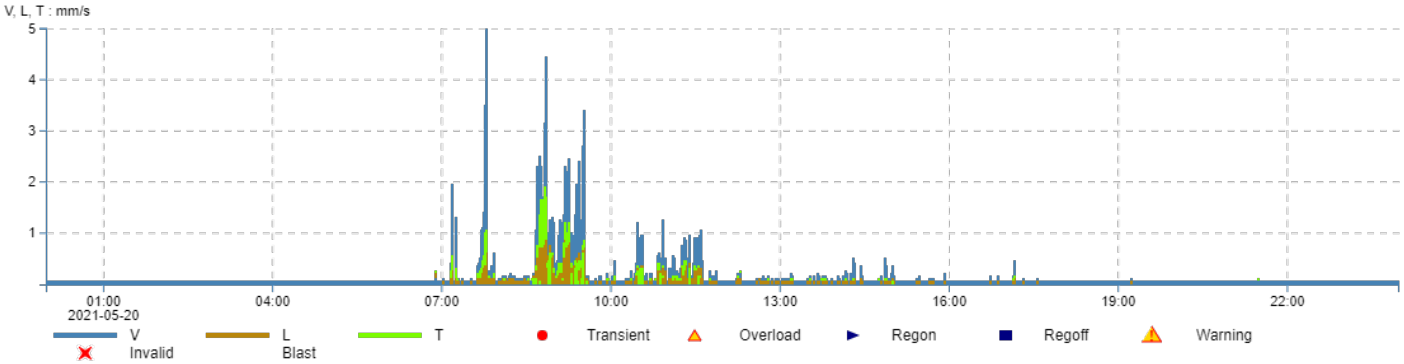


X-span	2021-05-19 00:00:00 - 2021-05-19 23:59:00
Y-span	V, L, T : mm/s: 0.0 - 10.0

	V	L	T
Max	5.95 mm/s	0.80 mm/s	1.050 mm/s
Date	2021-05-19	2021-05-19	2021-05-19
Time	11:26:00	11:22:00	11:26:00

Interval report

Project	Moree Silos
Project maintainer	Angus Leslie
Time frame	2021-05-20 00:00 - 2021-05-20 23:59 (Australia/Brisbane)
Measure point	MP_1
Location	-
Sensor type	C22
Serial no.	102476
Master(s) serial no.	102476
Latest calibration	2019-05-13
Standard	DIN4150-3 Anlage 250mm/s 1-315Hz
Unit	mm/s
Quantity	Velocity
Interval time	1 min
Frequency weighting	OFF
Max	V: 5.0 mm/s, L: 0.90 mm/s, T: 1.90 mm/s

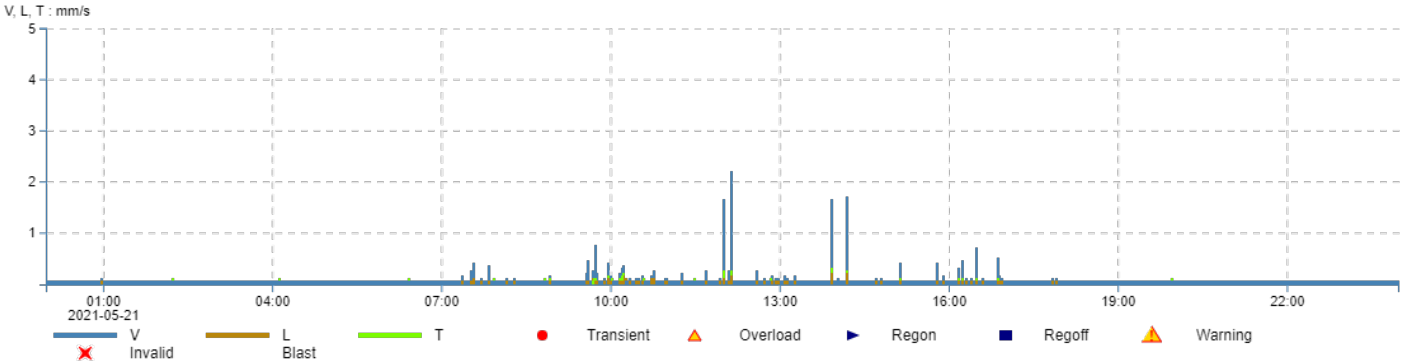


X-span	2021-05-20 00:00:00 - 2021-05-20 23:59:00
Y-span	V, L, T : mm/s: 0.0 - 5.0

	V	L	T
Max	5.0 mm/s	0.90 mm/s	1.90 mm/s
Date	2021-05-20	2021-05-20	2021-05-20
Time	07:48:00	08:50:00	08:50:00

Interval report

Project	Moree Silos
Project maintainer	Angus Leslie
Time frame	2021-05-21 00:00 - 2021-05-21 23:59 (Australia/Brisbane)
Measure point	MP_1
Location	-
Sensor type	C22
Serial no.	102476
Master(s) serial no.	102476
Latest calibration	2019-05-13
Standard	DIN4150-3 Anlage 250mm/s 1-315Hz
Unit	mm/s
Quantity	Velocity
Interval time	1 min
Frequency weighting	OFF
Max	V: 2.20 mm/s, L: 0.20 mm/s, T: 0.30 mm/s

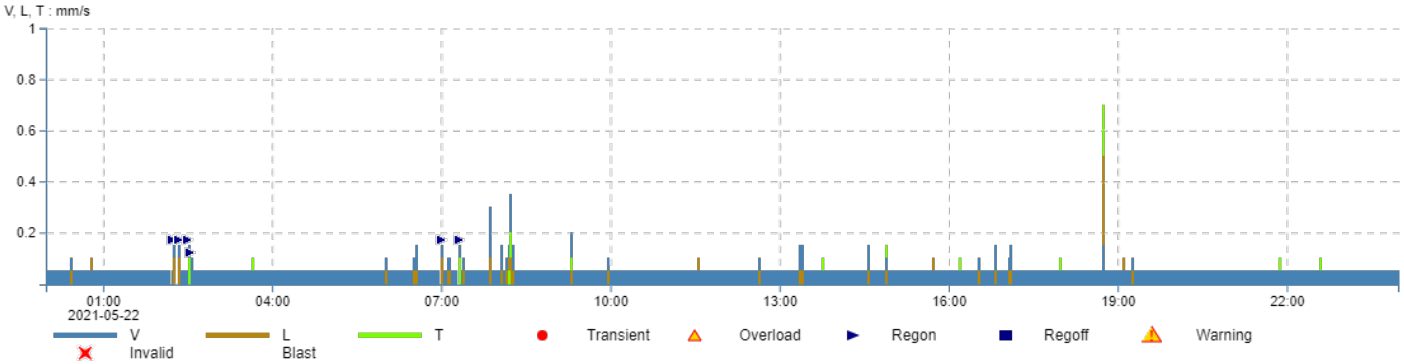


X-span	2021-05-21 00:00:00 - 2021-05-21 23:59:00
Y-span	V, L, T : mm/s: 0.0 - 5.0

	V	L	T
Max	2.20 mm/s	0.20 mm/s	0.30 mm/s
Date	2021-05-21	2021-05-21	2021-05-21
Time	12:08:00	13:56:00	13:56:00

Interval report

Project	Moree Silos
Project maintainer	Angus Leslie
Time frame	2021-05-22 00:00 - 2021-05-22 23:59 (Australia/Brisbane)
Measure point	MP_1
Location	-
Sensor type	C22
Serial no.	102476
Master(s) serial no.	102476
Latest calibration	2019-05-13
Standard	DIN4150-3 Anlage 250mm/s 1-315Hz
Unit	mm/s
Quantity	Velocity
Interval time	1 min
Frequency weighting	OFF
Max	V: 0.35 mm/s, L: 0.50 mm/s, T: 0.70 mm/s

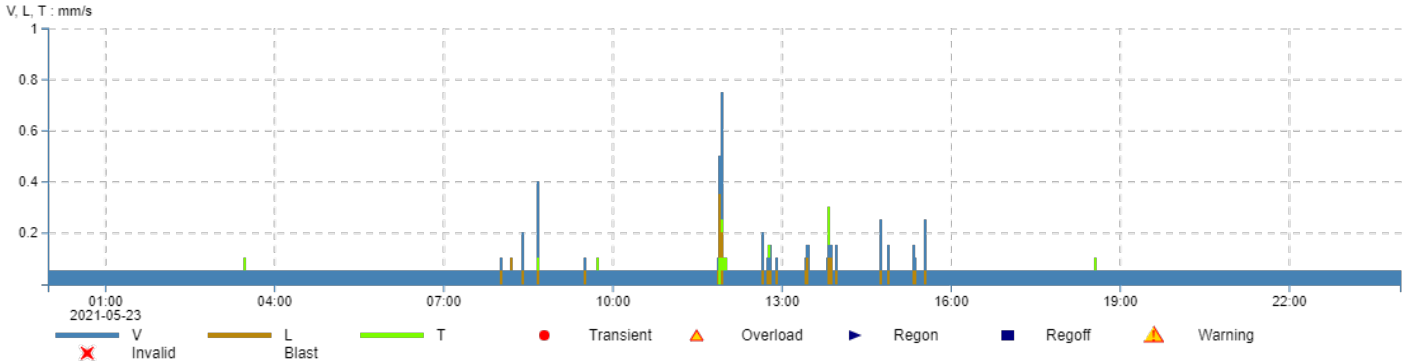


X-span	2021-05-22 00:00:00 - 2021-05-22 23:59:00
Y-span	V, L, T : mm/s: 0.0 - 1.0

	V	L	T
Max	0.35 mm/s	0.50 mm/s	0.70 mm/s
Date	2021-05-22	2021-05-22	2021-05-22
Time	08:13:00	18:44:00	18:44:00

Interval report

Project	Moree Silos
Project maintainer	Angus Leslie
Time frame	2021-05-23 00:00 - 2021-05-23 23:59 (Australia/Brisbane)
Measure point	MP_1
Location	-
Sensor type	C22
Serial no.	102476
Master(s) serial no.	102476
Latest calibration	2019-05-13
Standard	DIN4150-3 Anlage 250mm/s 1-315Hz
Unit	mm/s
Quantity	Velocity
Interval time	1 min
Frequency weighting	OFF
Max	V: 0.75 mm/s, L: 0.35 mm/s, T: 0.30 mm/s

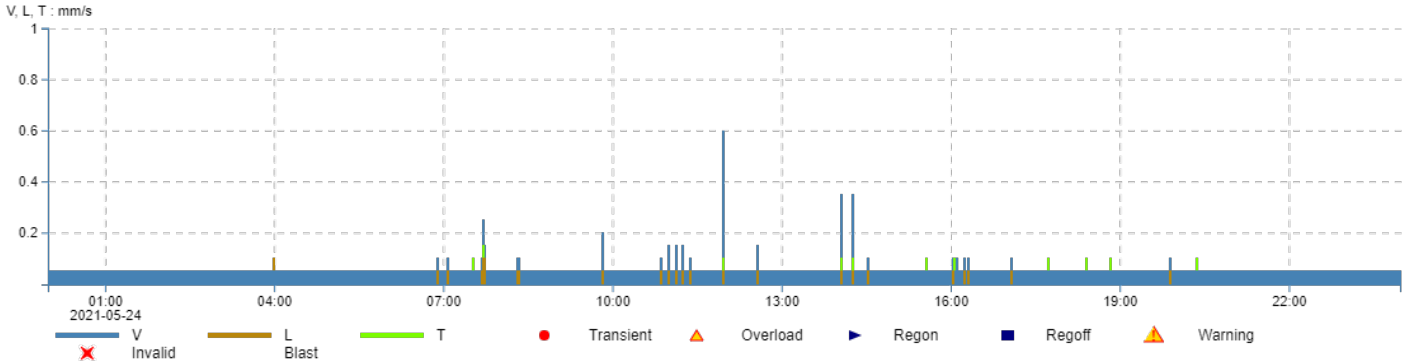


X-span	2021-05-23 00:00:00 - 2021-05-23 23:59:00
Y-span	V, L, T : mm/s: 0.0 - 1.0

	V	L	T
Max	0.75 mm/s	0.35 mm/s	0.30 mm/s
Date	2021-05-23	2021-05-23	2021-05-23
Time	11:55:00	11:54:00	13:50:00

Interval report

Project	Moree Silos
Project maintainer	Angus Leslie
Time frame	2021-05-24 00:00 - 2021-05-24 23:59 (Australia/Brisbane)
Measure point	MP_1
Location	-
Sensor type	C22
Serial no.	102476
Master(s) serial no.	102476
Latest calibration	2019-05-13
Standard	DIN4150-3 Anlage 250mm/s 1-315Hz
Unit	mm/s
Quantity	Velocity
Interval time	1 min
Frequency weighting	OFF
Max	V: 0.60 mm/s, L: 0.10 mm/s, T: 0.15 mm/s

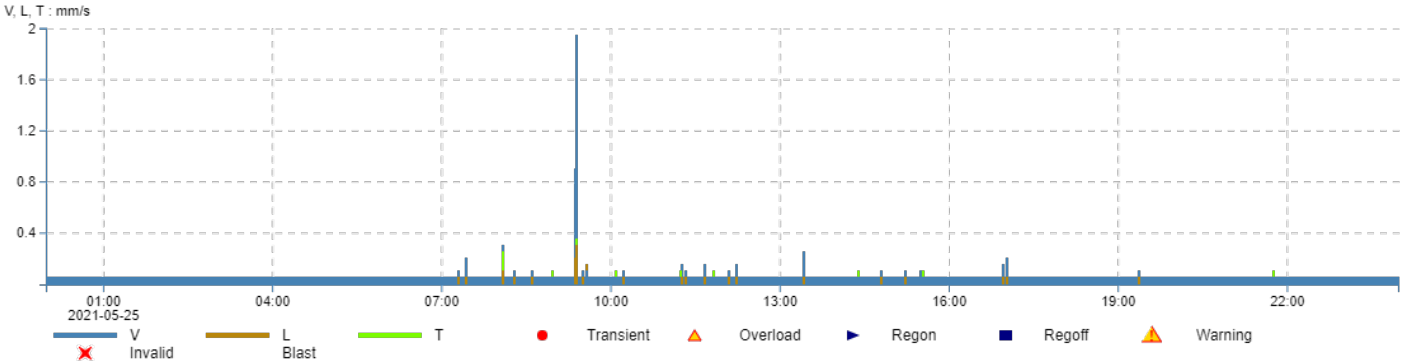


X-span	2021-05-24 00:00:00 - 2021-05-24 23:59:00
Y-span	V, L, T : mm/s: 0.0 - 1.0

	V	L	T
Max	0.60 mm/s	0.10 mm/s	0.15 mm/s
Date	2021-05-24	2021-05-24	2021-05-24
Time	11:58:00	03:59:00	07:42:00

Interval report

Project	Moree Silos
Project maintainer	Angus Leslie
Time frame	2021-05-25 00:00 - 2021-05-25 23:59 (Australia/Brisbane)
Measure point	MP_1
Location	-
Sensor type	C22
Serial no.	102476
Master(s) serial no.	102476
Latest calibration	2019-05-13
Standard	DIN4150-3 Anlage 250mm/s 1-315Hz
Unit	mm/s
Quantity	Velocity
Interval time	1 min
Frequency weighting	OFF
Max	V: 1.95 mm/s, L: 0.30 mm/s, T: 0.35 mm/s

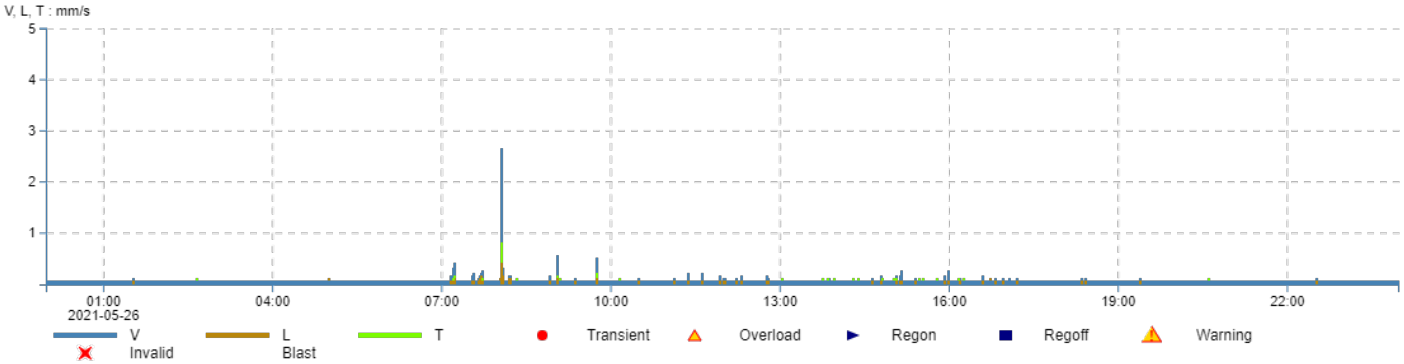


X-span	2021-05-25 00:00:00 - 2021-05-25 23:59:00
Y-span	V, L, T : mm/s: 0.0 - 2.0

	V	L	T
Max	1.95 mm/s	0.30 mm/s	0.35 mm/s
Date	2021-05-25	2021-05-25	2021-05-25
Time	09:23:00	09:23:00	09:23:00

Interval report

Project	Moree Silos
Project maintainer	Angus Leslie
Time frame	2021-05-26 00:00 - 2021-05-26 23:59 (Australia/Brisbane)
Measure point	MP_1
Location	-
Sensor type	C22
Serial no.	102476
Master(s) serial no.	102476
Latest calibration	2019-05-13
Standard	DIN4150-3 Anlage 250mm/s 1-315Hz
Unit	mm/s
Quantity	Velocity
Interval time	1 min
Frequency weighting	OFF
Max	V: 2.65 mm/s, L: 0.40 mm/s, T: 0.80 mm/s

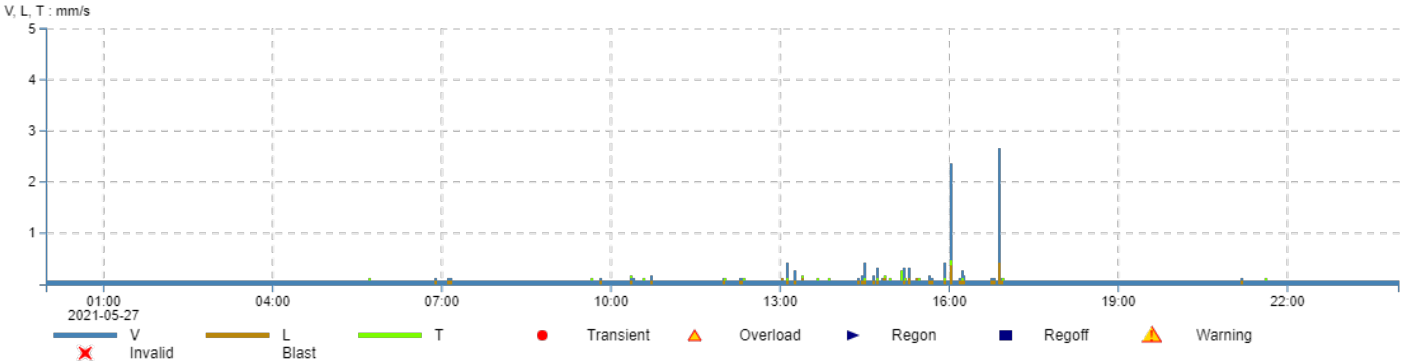


X-span	2021-05-26 00:00:00 - 2021-05-26 23:59:00
Y-span	V, L, T : mm/s: 0.0 - 5.0

	V	L	T
Max	2.65 mm/s	0.40 mm/s	0.80 mm/s
Date	2021-05-26	2021-05-26	2021-05-26
Time	08:04:00	08:04:00	08:04:00

Interval report

Project	Moree Silos
Project maintainer	Angus Leslie
Time frame	2021-05-27 00:00 - 2021-05-27 23:59 (Australia/Brisbane)
Measure point	MP_1
Location	-
Sensor type	C22
Serial no.	102476
Master(s) serial no.	102476
Latest calibration	2019-05-13
Standard	DIN4150-3 Anlage 250mm/s 1-315Hz
Unit	mm/s
Quantity	Velocity
Interval time	1 min
Frequency weighting	OFF
Max	V: 2.65 mm/s, L: 0.40 mm/s, T: 0.45 mm/s

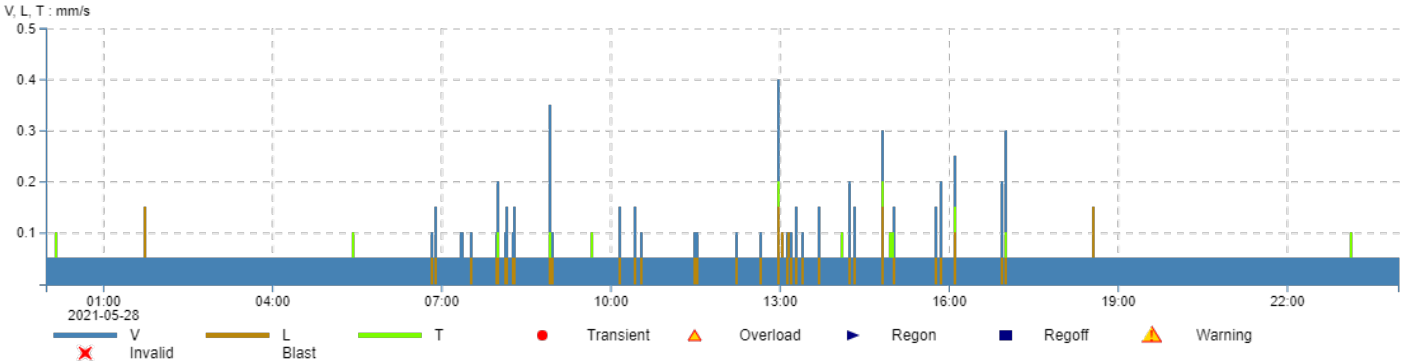


X-span	2021-05-27 00:00:00 - 2021-05-27 23:59:00
Y-span	V, L, T : mm/s: 0.0 - 5.0

	V	L	T
Max	2.65 mm/s	0.40 mm/s	0.45 mm/s
Date	2021-05-27	2021-05-27	2021-05-27
Time	16:54:00	16:54:00	16:02:00

Interval report

Project	Moree Silos
Project maintainer	Angus Leslie
Time frame	2021-05-28 00:00 - 2021-05-28 23:59 (Australia/Brisbane)
Measure point	MP_1
Location	-
Sensor type	C22
Serial no.	102476
Master(s) serial no.	102476
Latest calibration	2019-05-13
Standard	DIN4150-3 Anlage 250mm/s 1-315Hz
Unit	mm/s
Quantity	Velocity
Interval time	1 min
Frequency weighting	OFF
Max	V: 0.40 mm/s, L: 0.15 mm/s, T: 0.20 mm/s

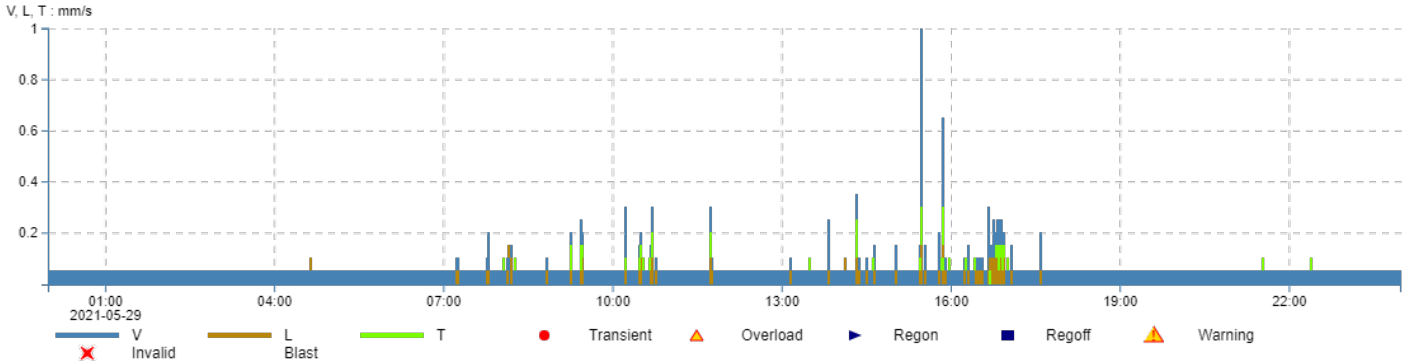


X-span	2021-05-28 00:00:00 - 2021-05-28 23:59:00
Y-span	V, L, T : mm/s: 0.0 - 0.50

	V	L	T
Max	0.40 mm/s	0.15 mm/s	0.20 mm/s
Date	2021-05-28	2021-05-28	2021-05-28
Time	12:58:00	01:43:00	12:58:00

Interval report

Project	Moree Silos
Project maintainer	Angus Leslie
Time frame	2021-05-29 00:00 - 2021-05-29 23:59 (Australia/Brisbane)
Measure point	MP_1
Location	-
Sensor type	C22
Serial no.	102476
Master(s) serial no.	102476
Latest calibration	2019-05-13
Standard	DIN4150-3 Anlage 250mm/s 1-315Hz
Unit	mm/s
Quantity	Velocity
Interval time	1 min
Frequency weighting	OFF
Max	V: 1.0 mm/s, L: 0.15 mm/s, T: 0.30 mm/s

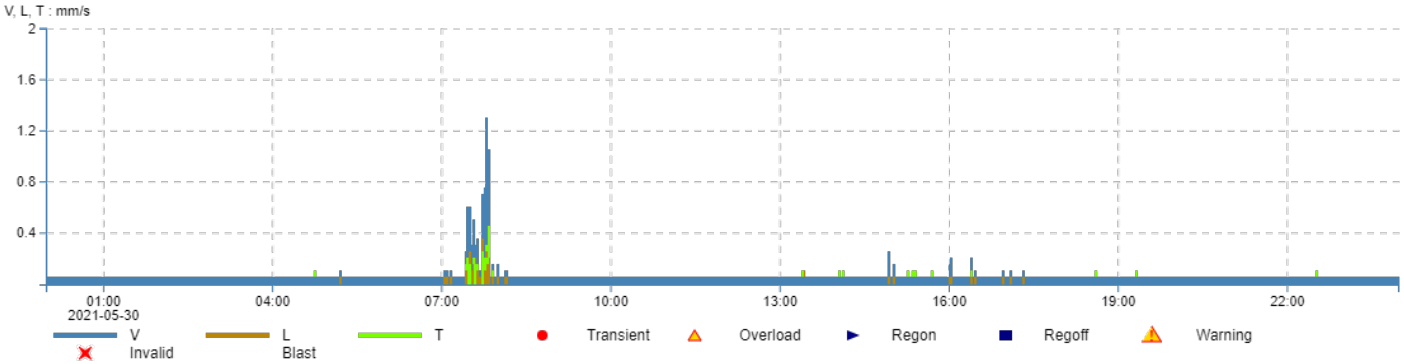


X-span	2021-05-29 00:00:00 - 2021-05-29 23:59:00
Y-span	V, L, T : mm/s: 0.0 - 1.0

	V	L	T
Max	1.0 mm/s	0.15 mm/s	0.30 mm/s
Date	2021-05-29	2021-05-29	2021-05-29
Time	15:28:00	08:10:00	15:28:00

Interval report

Project	Moree Silos
Project maintainer	Angus Leslie
Time frame	2021-05-30 00:00 - 2021-05-30 23:59 (Australia/Brisbane)
Measure point	MP_1
Location	-
Sensor type	C22
Serial no.	102476
Master(s) serial no.	102476
Latest calibration	2019-05-13
Standard	DIN4150-3 Anlage 250mm/s 1-315Hz
Unit	mm/s
Quantity	Velocity
Interval time	1 min
Frequency weighting	OFF
Max	V: 1.30 mm/s, L: 0.35 mm/s, T: 0.45 mm/s

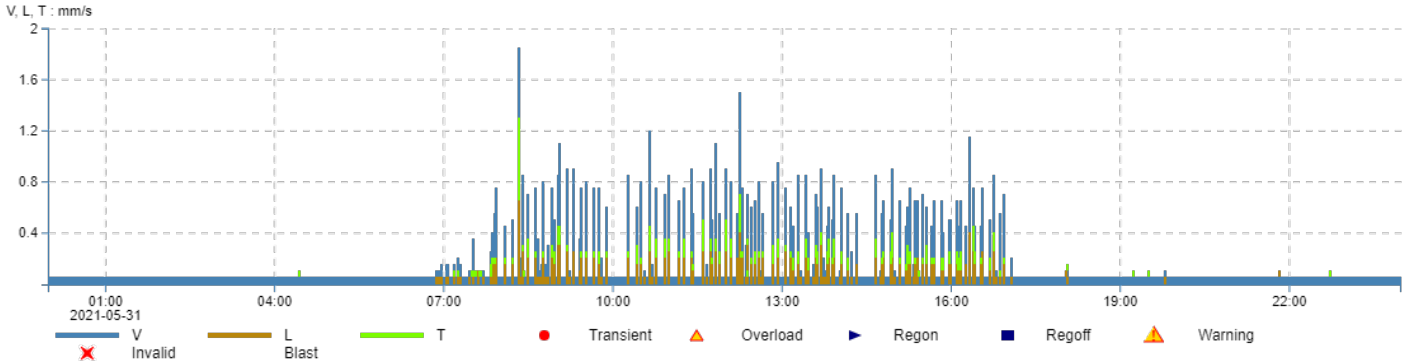


X-span	2021-05-30 00:00:00 - 2021-05-30 23:59:00
Y-span	V, L, T : mm/s: 0.0 - 2.0

	V	L	T
Max	1.30 mm/s	0.35 mm/s	0.45 mm/s
Date	2021-05-30	2021-05-30	2021-05-30
Time	07:48:00	07:44:00	07:49:00

Interval report

Project	Moree Silos
Project maintainer	Angus Leslie
Time frame	2021-05-31 00:00 - 2021-05-31 23:59 (Australia/Brisbane)
Measure point	MP_1
Location	-
Sensor type	C22
Serial no.	102476
Master(s) serial no.	102476
Latest calibration	2019-05-13
Standard	DIN4150-3 Anlage 250mm/s 1-315Hz
Unit	mm/s
Quantity	Velocity
Interval time	1 min
Frequency weighting	OFF
Max	V: 1.85 mm/s, L: 0.65 mm/s, T: 1.30 mm/s

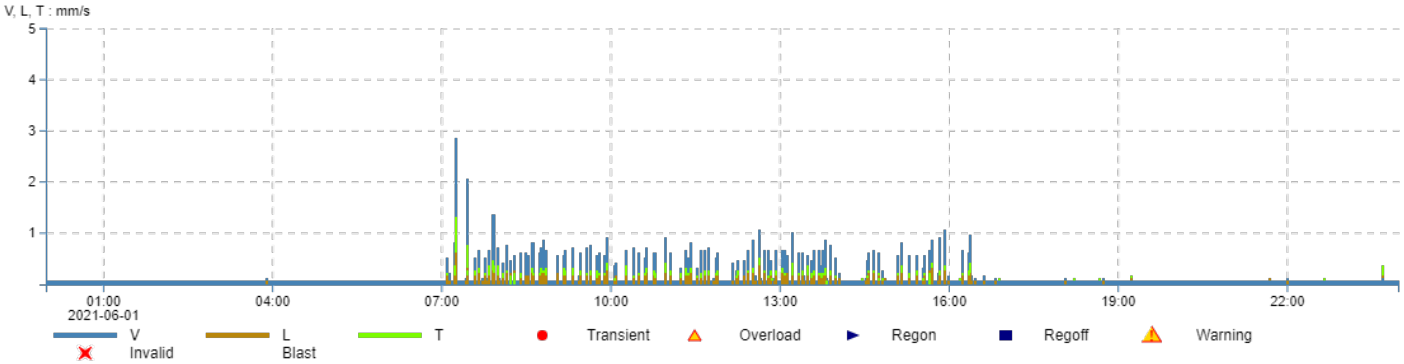


X-span	2021-05-31 00:00:00 - 2021-05-31 23:59:00
Y-span	V, L, T : mm/s: 0.0 - 2.0

	V	L	T
Max	1.85 mm/s	0.65 mm/s	1.30 mm/s
Date	2021-05-31	2021-05-31	2021-05-31
Time	08:19:00	08:19:00	08:19:00

Interval report

Project	Moree Silos
Project maintainer	Angus Leslie
Time frame	2021-06-01 00:00 - 2021-06-01 23:59 (Australia/Brisbane)
Measure point	MP_1
Location	-
Sensor type	C22
Serial no.	102476
Master(s) serial no.	102476
Latest calibration	2019-05-13
Standard	DIN4150-3 Anlage 250mm/s 1-315Hz
Unit	mm/s
Quantity	Velocity
Interval time	1 min
Frequency weighting	OFF
Max	V: 2.85 mm/s, L: 0.60 mm/s, T: 1.30 mm/s

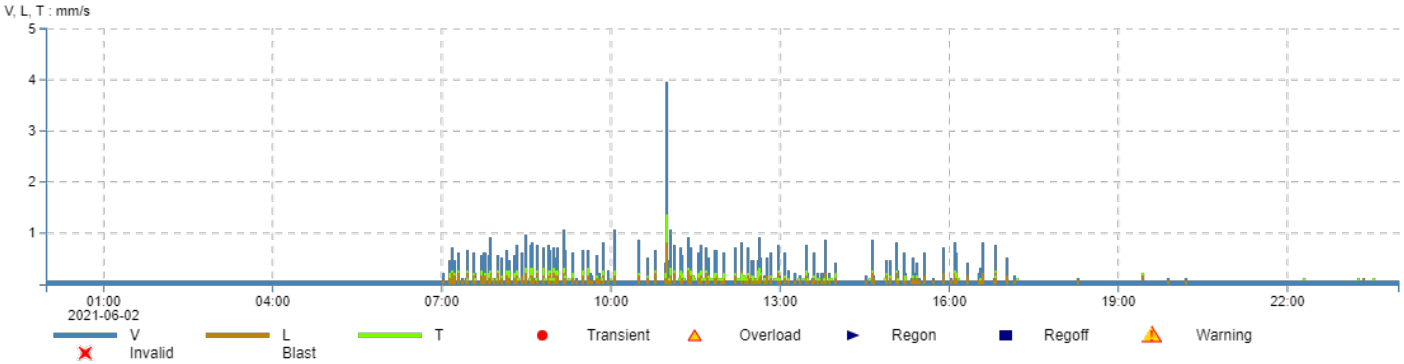


X-span	2021-06-01 00:00:00 - 2021-06-01 23:59:00
Y-span	V, L, T : mm/s: 0.0 - 5.0

	V	L	T
Max	2.85 mm/s	0.60 mm/s	1.30 mm/s
Date	2021-06-01	2021-06-01	2021-06-01
Time	07:16:00	07:16:00	07:16:00

Interval report

Project	Moree Silos
Project maintainer	Angus Leslie
Time frame	2021-06-02 00:00 - 2021-06-02 23:59 (Australia/Brisbane)
Measure point	MP_1
Location	-
Sensor type	C22
Serial no.	102476
Master(s) serial no.	102476
Latest calibration	2019-05-13
Standard	DIN4150-3 Anlage 250mm/s 1-315Hz
Unit	mm/s
Quantity	Velocity
Interval time	1 min
Frequency weighting	OFF
Max	V: 3.95 mm/s, L: 0.80 mm/s, T: 1.35 mm/s

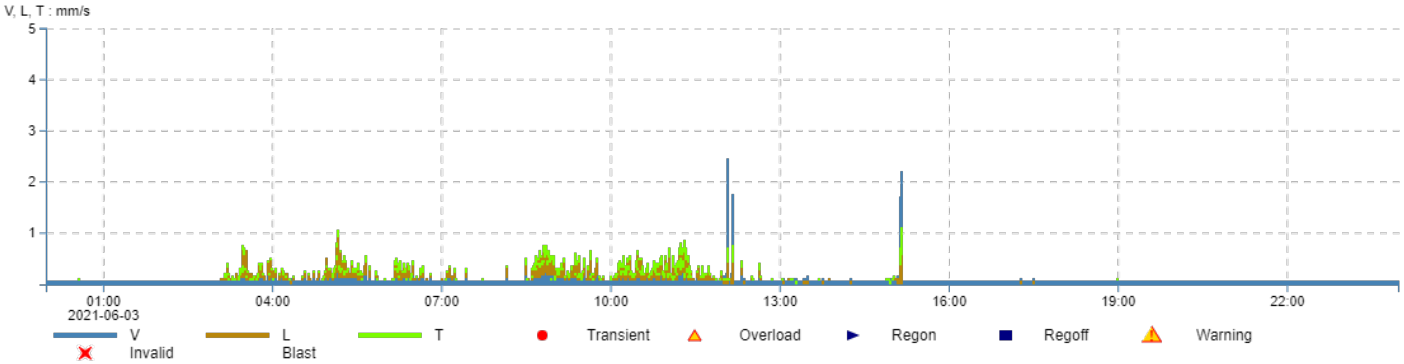


X-span	2021-06-02 00:00:00 - 2021-06-02 23:59:00
Y-span	V, L, T : mm/s: 0.0 - 5.0

	V	L	T
Max	3.95 mm/s	0.80 mm/s	1.35 mm/s
Date	2021-06-02	2021-06-02	2021-06-02
Time	11:00:00	11:00:00	11:00:00

Interval report

Project	Moree Silos
Project maintainer	Angus Leslie
Time frame	2021-06-03 00:00 - 2021-06-03 23:59 (Australia/Brisbane)
Measure point	MP_1
Location	-
Sensor type	C22
Serial no.	102476
Master(s) serial no.	102476
Latest calibration	2019-05-13
Standard	DIN4150-3 Anlage 250mm/s 1-315Hz
Unit	mm/s
Quantity	Velocity
Interval time	1 min
Frequency weighting	OFF
Max	V: 2.45 mm/s, L: 0.90 mm/s, T: 1.10 mm/s

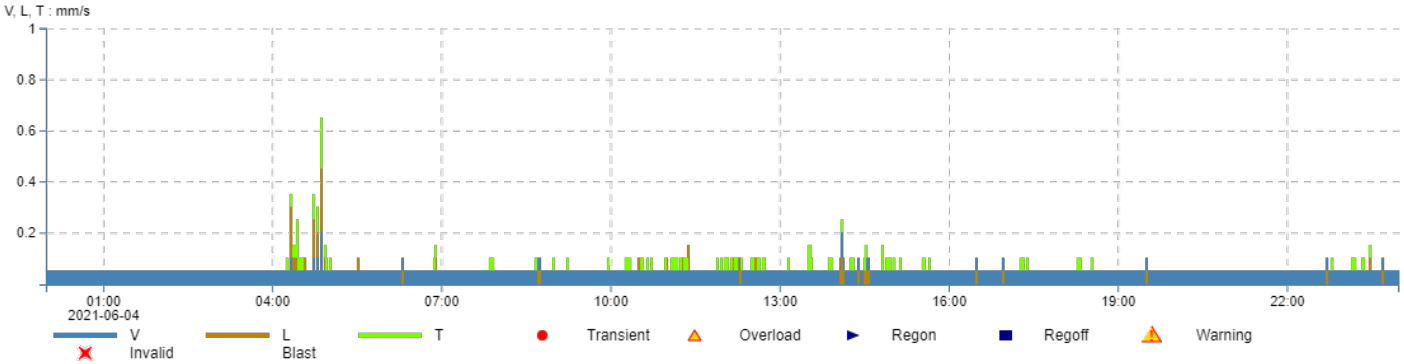


X-span	2021-06-03 00:00:00 - 2021-06-03 23:59:00
Y-span	V, L, T : mm/s: 0.0 - 5.0

	V	L	T
Max	2.45 mm/s	0.90 mm/s	1.10 mm/s
Date	2021-06-03	2021-06-03	2021-06-03
Time	12:03:00	05:10:00	15:09:00

Interval report

Project	Moree Silos
Project maintainer	Angus Leslie
Time frame	2021-06-04 00:00 - 2021-06-04 23:59 (Australia/Brisbane)
Measure point	MP_1
Location	-
Sensor type	C22
Serial no.	102476
Master(s) serial no.	102476
Latest calibration	2019-05-13
Standard	DIN4150-3 Anlage 250mm/s 1-315Hz
Unit	mm/s
Quantity	Velocity
Interval time	1 min
Frequency weighting	OFF
Max	V: 0.20 mm/s, L: 0.45 mm/s, T: 0.65 mm/s

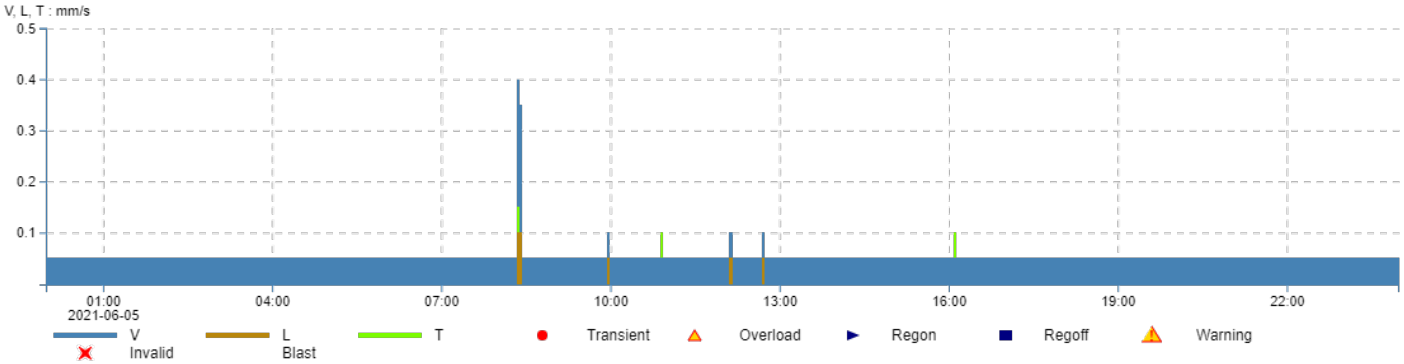


X-span	2021-06-04 00:00:00 - 2021-06-04 23:59:00
Y-span	V, L, T : mm/s: 0.0 - 1.0

	V	L	T
Max	0.20 mm/s	0.45 mm/s	0.65 mm/s
Date	2021-06-04	2021-06-04	2021-06-04
Time	04:51:00	04:51:00	04:51:00

Interval report

Project	Moree Silos
Project maintainer	Angus Leslie
Time frame	2021-06-05 00:00 - 2021-06-05 23:59 (Australia/Brisbane)
Measure point	MP_1
Location	-
Sensor type	C22
Serial no.	102476
Master(s) serial no.	102476
Latest calibration	2019-05-13
Standard	DIN4150-3 Anlage 250mm/s 1-315Hz
Unit	mm/s
Quantity	Velocity
Interval time	1 min
Frequency weighting	OFF
Max	V: 0.40 mm/s, L: 0.10 mm/s, T: 0.15 mm/s

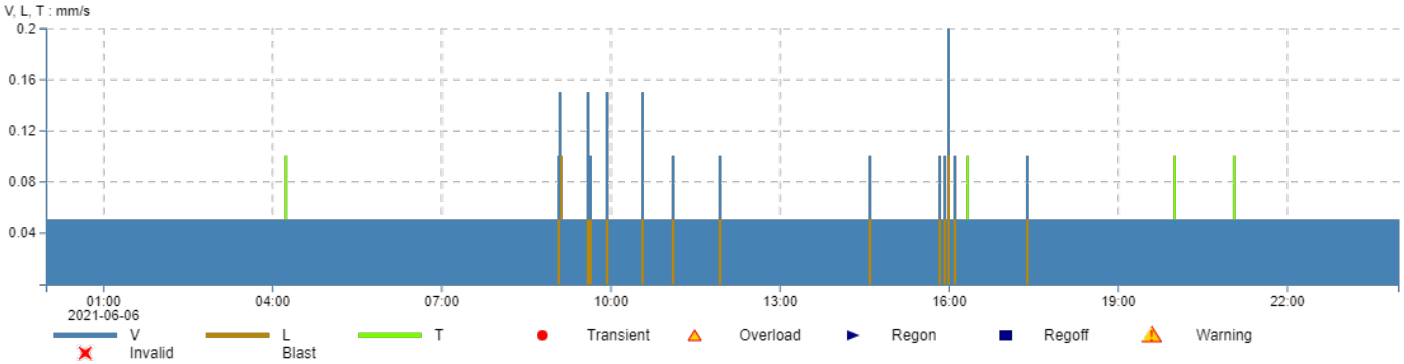


X-span	2021-06-05 00:00:00 - 2021-06-05 23:59:00
Y-span	V, L, T : mm/s: 0.0 - 0.50

	V	L	T
Max	0.40 mm/s	0.10 mm/s	0.15 mm/s
Date	2021-06-05	2021-06-05	2021-06-05
Time	08:22:00	08:22:00	08:22:00

Interval report

Project	Moree Silos
Project maintainer	Angus Leslie
Time frame	2021-06-06 00:00 - 2021-06-06 23:59 (Australia/Brisbane)
Measure point	MP_1
Location	-
Sensor type	C22
Serial no.	102476
Master(s) serial no.	102476
Latest calibration	2019-05-13
Standard	DIN4150-3 Anlage 250mm/s 1-315Hz
Unit	mm/s
Quantity	Velocity
Interval time	1 min
Frequency weighting	OFF
Max	V: 0.20 mm/s, L: 0.15 mm/s, T: 0.15 mm/s

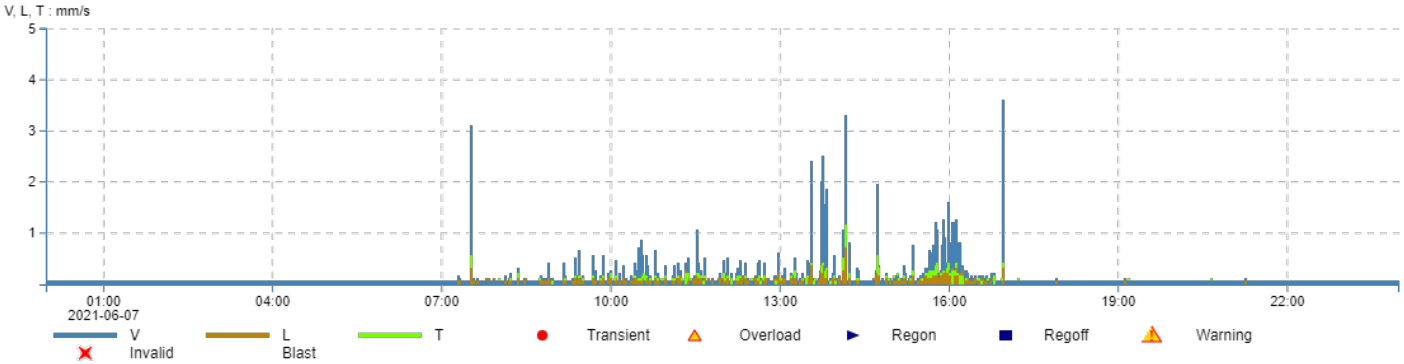


X-span	2021-06-06 00:00:00 - 2021-06-06 23:59:00
Y-span	V, L, T : mm/s: 0.0 - 0.20

	V	L	T
Max	0.20 mm/s	0.15 mm/s	0.15 mm/s
Date	2021-06-06	2021-06-06	2021-06-06
Time	15:59:00	09:06:00	09:06:00

Interval report

Project	Moree Silos
Project maintainer	Angus Leslie
Time frame	2021-06-07 00:00 - 2021-06-07 23:59 (Australia/Brisbane)
Measure point	MP_1
Location	-
Sensor type	C22
Serial no.	102476
Master(s) serial no.	102476
Latest calibration	2019-05-13
Standard	DIN4150-3 Anlage 250mm/s 1-315Hz
Unit	mm/s
Quantity	Velocity
Interval time	1 min
Frequency weighting	OFF
Max	V: 3.60 mm/s, L: 0.70 mm/s, T: 1.15 mm/s

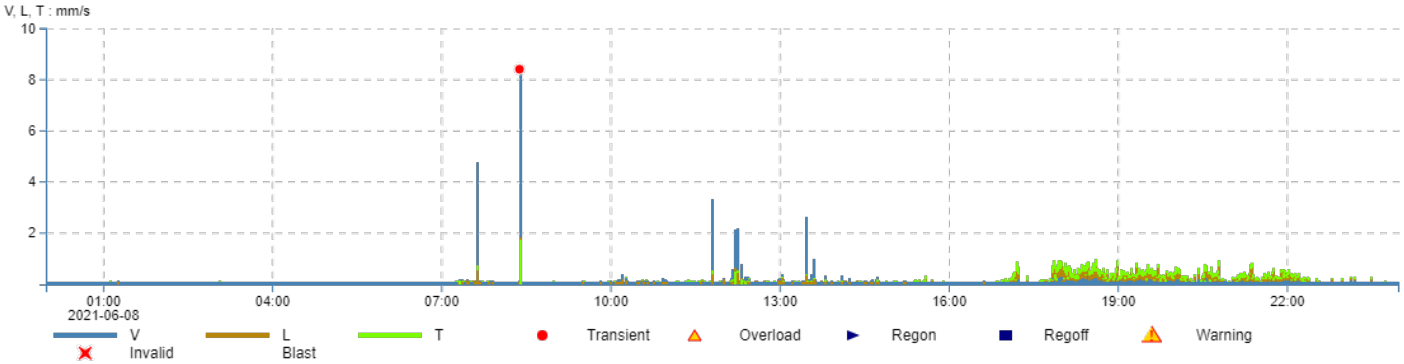


X-span	2021-06-07 00:00:00 - 2021-06-07 23:59:00
Y-span	V, L, T : mm/s: 0.0 - 5.0

	V	L	T
Max	3.60 mm/s	0.70 mm/s	1.15 mm/s
Date	2021-06-07	2021-06-07	2021-06-07
Time	16:57:00	14:09:00	14:09:00

Interval report

Project	Moree Silos
Project maintainer	Angus Leslie
Time frame	2021-06-08 00:00 - 2021-06-08 23:59 (Australia/Brisbane)
Measure point	MP_1
Location	-
Sensor type	C22
Serial no.	102476
Master(s) serial no.	102476
Latest calibration	2019-05-13
Standard	DIN4150-3 Anlage 250mm/s 1-315Hz
Unit	mm/s
Quantity	Velocity
Interval time	1 min
Frequency weighting	OFF
Max	V: 8.40 mm/s, L: 1.80 mm/s, T: 1.70 mm/s

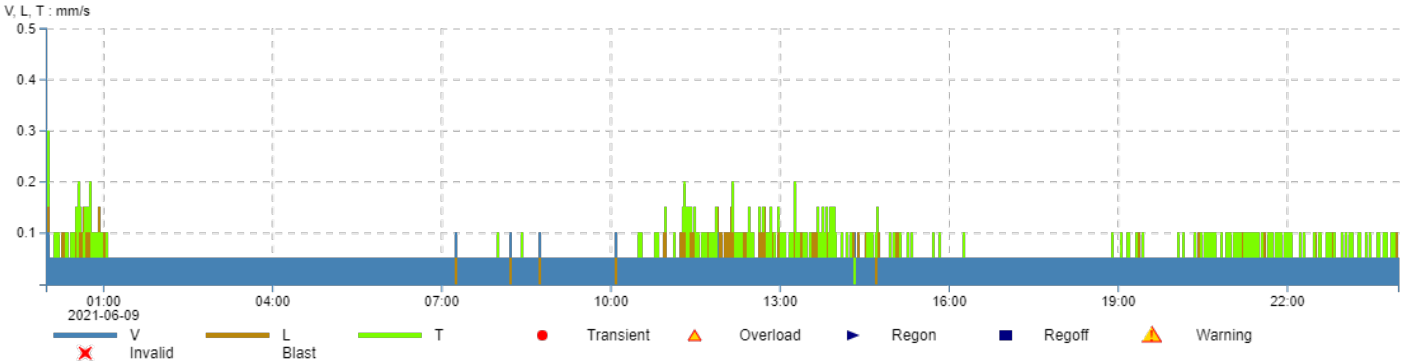


X-span	2021-06-08 00:00:00 - 2021-06-08 23:59:00
Y-span	V, L, T : mm/s: 0.0 - 10.0

	V	L	T
Max	8.40 mm/s	1.80 mm/s	1.70 mm/s
Date	2021-06-08	2021-06-08	2021-06-08
Time	08:24:00	08:24:00	08:24:00

Interval report

Project	Moree Silos
Project maintainer	Angus Leslie
Time frame	2021-06-09 00:00 - 2021-06-09 23:59 (Australia/Brisbane)
Measure point	MP_1
Location	-
Sensor type	C22
Serial no.	102476
Master(s) serial no.	102476
Latest calibration	2019-05-13
Standard	DIN4150-3 Anlage 250mm/s 1-315Hz
Unit	mm/s
Quantity	Velocity
Interval time	1 min
Frequency weighting	OFF
Max	V: 0.10 mm/s, L: 0.15 mm/s, T: 0.30 mm/s

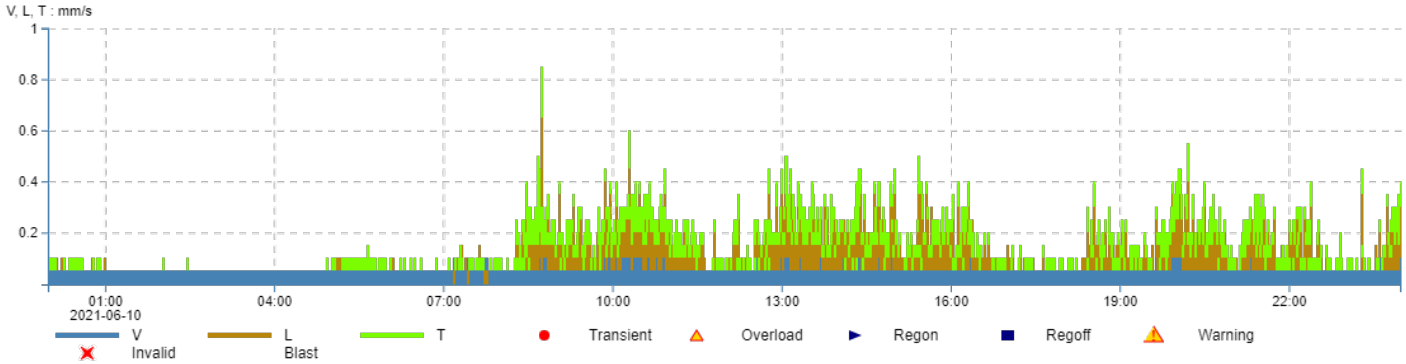


X-span	2021-06-09 00:00:00 - 2021-06-09 23:59:00
Y-span	V, L, T : mm/s: 0.0 - 0.50

	V	L	T
Max	0.10 mm/s	0.15 mm/s	0.30 mm/s
Date	2021-06-09	2021-06-09	2021-06-09
Time	00:02:00	00:02:00	00:02:00

Interval report

Project	Moree Silos
Project maintainer	Angus Leslie
Time frame	2021-06-10 00:00 - 2021-06-10 23:59 (Australia/Brisbane)
Measure point	MP_1
Location	-
Sensor type	C22
Serial no.	102476
Master(s) serial no.	102476
Latest calibration	2019-05-13
Standard	DIN4150-3 Anlage 250mm/s 1-315Hz
Unit	mm/s
Quantity	Velocity
Interval time	1 min
Frequency weighting	OFF
Max	V: 0.20 mm/s, L: 0.65 mm/s, T: 0.85 mm/s

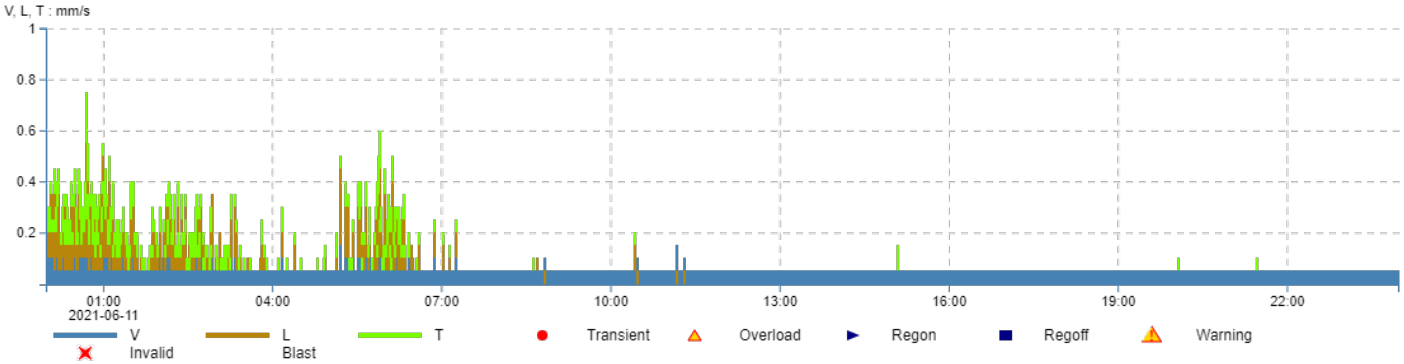


X-span	2021-06-10 00:00:00 - 2021-06-10 23:59:00
Y-span	V, L, T : mm/s: 0.0 - 1.0

	V	L	T
Max	0.20 mm/s	0.65 mm/s	0.85 mm/s
Date	2021-06-10	2021-06-10	2021-06-10
Time	08:44:00	08:44:00	08:44:00

Interval report

Project	Moree Silos
Project maintainer	Angus Leslie
Time frame	2021-06-11 00:00 - 2021-06-11 23:59 (Australia/Brisbane)
Measure point	MP_1
Location	-
Sensor type	C22
Serial no.	102476
Master(s) serial no.	102476
Latest calibration	2019-05-13
Standard	DIN4150-3 Anlage 250mm/s 1-315Hz
Unit	mm/s
Quantity	Velocity
Interval time	1 min
Frequency weighting	OFF
Max	V: 0.20 mm/s, L: 0.55 mm/s, T: 0.75 mm/s

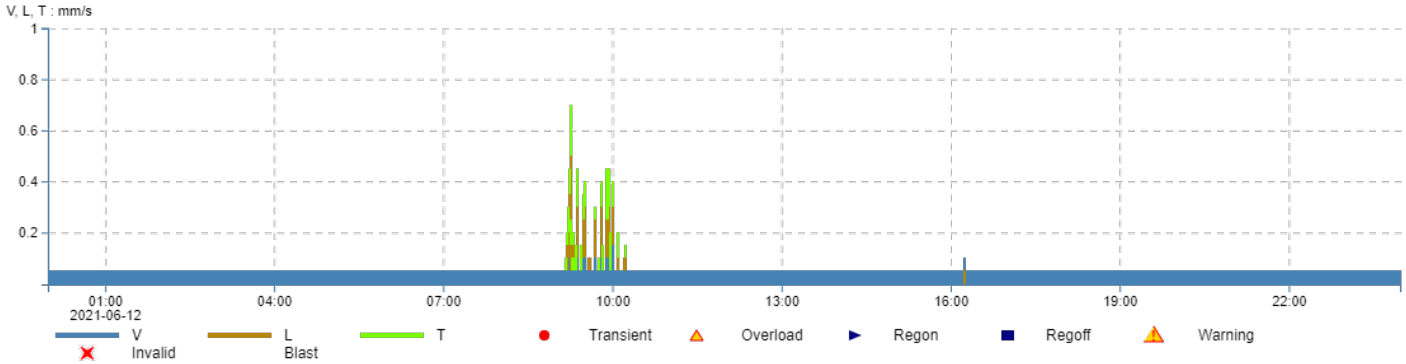


X-span	2021-06-11 00:00:00 - 2021-06-11 23:59:00
Y-span	V, L, T : mm/s: 0.0 - 1.0

	V	L	T
Max	0.20 mm/s	0.55 mm/s	0.75 mm/s
Date	2021-06-11	2021-06-11	2021-06-11
Time	00:42:00	00:42:00	00:42:00

Interval report

Project	Moree Silos
Project maintainer	Angus Leslie
Time frame	2021-06-12 00:00 - 2021-06-12 23:59 (Australia/Brisbane)
Measure point	MP_1
Location	-
Sensor type	C22
Serial no.	102476
Master(s) serial no.	102476
Latest calibration	2019-05-13
Standard	DIN4150-3 Anlage 250mm/s 1-315Hz
Unit	mm/s
Quantity	Velocity
Interval time	1 min
Frequency weighting	OFF
Max	V: 0.20 mm/s, L: 0.50 mm/s, T: 0.70 mm/s

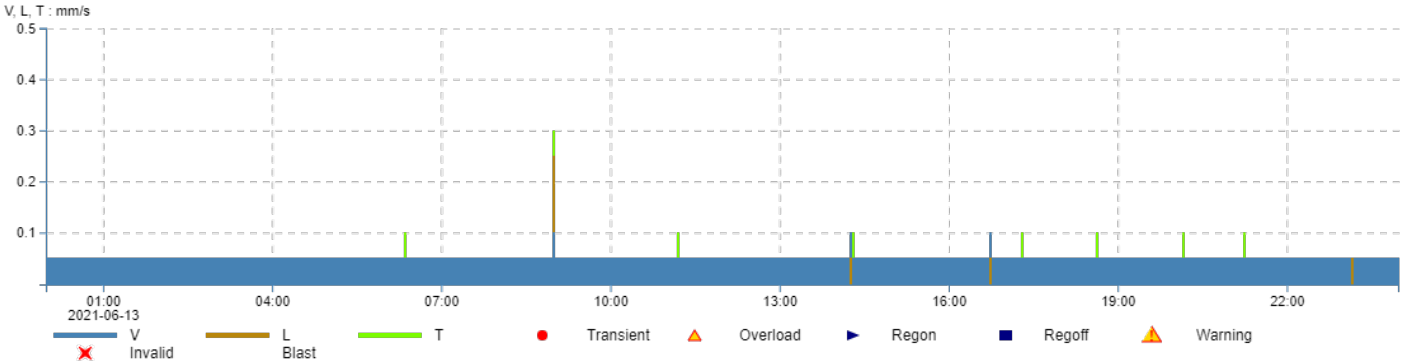


X-span	2021-06-12 00:00:00 - 2021-06-12 23:59:00
Y-span	V, L, T : mm/s: 0.0 - 1.0

	V	L	T
Max	0.20 mm/s	0.50 mm/s	0.70 mm/s
Date	2021-06-12	2021-06-12	2021-06-12
Time	09:16:00	09:16:00	09:16:00

Interval report

Project	Moree Silos
Project maintainer	Angus Leslie
Time frame	2021-06-13 00:00 - 2021-06-13 23:59 (Australia/Brisbane)
Measure point	MP_1
Location	-
Sensor type	C22
Serial no.	102476
Master(s) serial no.	102476
Latest calibration	2019-05-13
Standard	DIN4150-3 Anlage 250mm/s 1-315Hz
Unit	mm/s
Quantity	Velocity
Interval time	1 min
Frequency weighting	OFF
Max	V: 0.10 mm/s, L: 0.25 mm/s, T: 0.30 mm/s

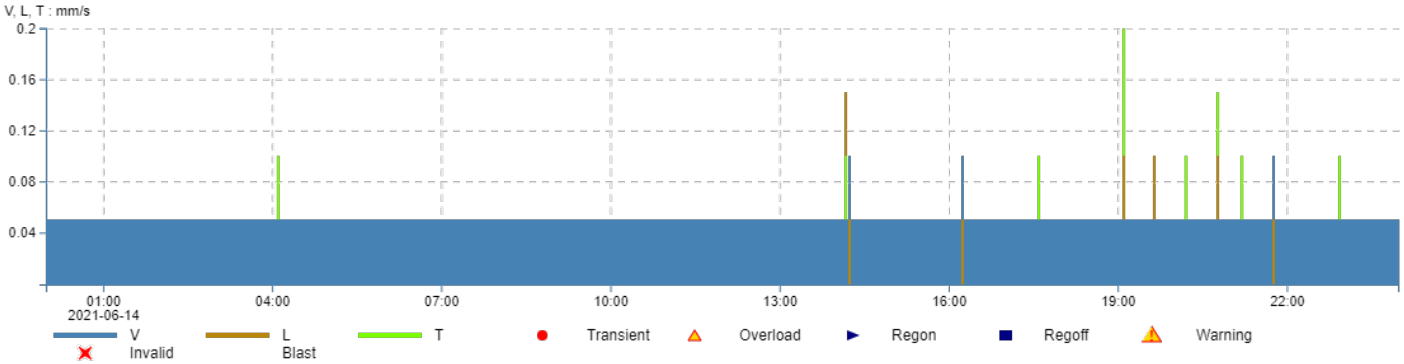


X-span	2021-06-13 00:00:00 - 2021-06-13 23:59:00
Y-span	V, L, T : mm/s: 0.0 - 0.50

	V	L	T
Max	0.10 mm/s	0.25 mm/s	0.30 mm/s
Date	2021-06-13	2021-06-13	2021-06-13
Time	08:59:00	08:59:00	08:59:00

Interval report

Project	Moree Silos
Project maintainer	Angus Leslie
Time frame	2021-06-14 00:00 - 2021-06-14 23:59 (Australia/Brisbane)
Measure point	MP_1
Location	-
Sensor type	C22
Serial no.	102476
Master(s) serial no.	102476
Latest calibration	2019-05-13
Standard	DIN4150-3 Anlage 250mm/s 1-315Hz
Unit	mm/s
Quantity	Velocity
Interval time	1 min
Frequency weighting	OFF
Max	V: 0.10 mm/s, L: 0.15 mm/s, T: 0.20 mm/s

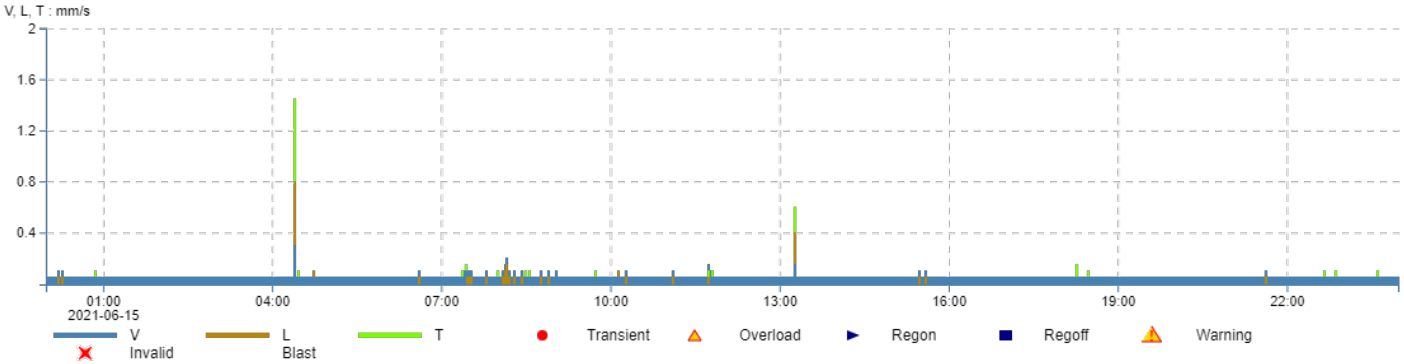


X-span	2021-06-14 00:00:00 - 2021-06-14 23:59:00
Y-span	V, L, T : mm/s: 0.0 - 0.20

	V	L	T
Max	0.10 mm/s	0.15 mm/s	0.20 mm/s
Date	2021-06-14	2021-06-14	2021-06-14
Time	14:13:00	14:10:00	19:06:00

Interval report

Project	Moree Silos
Project maintainer	Angus Leslie
Time frame	2021-06-15 00:00 - 2021-06-15 23:59 (Australia/Brisbane)
Measure point	MP_1
Location	-
Sensor type	C22
Serial no.	102476
Master(s) serial no.	102476
Latest calibration	2019-05-13
Standard	DIN4150-3 Anlage 250mm/s 1-315Hz
Unit	mm/s
Quantity	Velocity
Interval time	1 min
Frequency weighting	OFF
Max	V: 0.30 mm/s, L: 0.80 mm/s, T: 1.45 mm/s

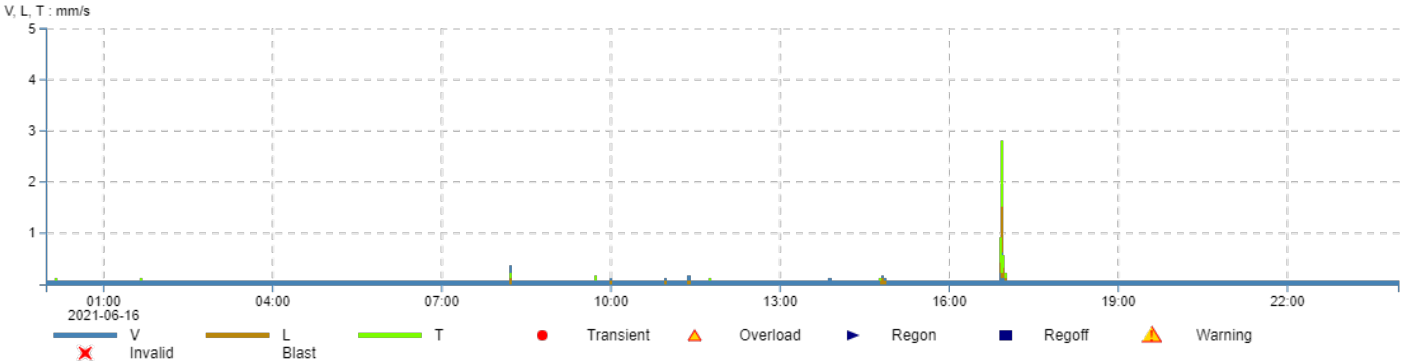


X-span	2021-06-15 00:00:00 - 2021-06-15 23:59:00
Y-span	V, L, T : mm/s: 0.0 - 2.0

	V	L	T
Max	0.30 mm/s	0.80 mm/s	1.45 mm/s
Date	2021-06-15	2021-06-15	2021-06-15
Time	04:23:00	04:23:00	04:23:00

Interval report

Project	Moree Silos
Project maintainer	Angus Leslie
Time frame	2021-06-16 00:00 - 2021-06-16 23:59 (Australia/Brisbane)
Measure point	MP_1
Location	-
Sensor type	C22
Serial no.	102476
Master(s) serial no.	102476
Latest calibration	2019-05-13
Standard	DIN4150-3 Anlage 250mm/s 1-315Hz
Unit	mm/s
Quantity	Velocity
Interval time	1 min
Frequency weighting	OFF
Max	V: 0.60 mm/s, L: 1.50 mm/s, T: 2.80 mm/s

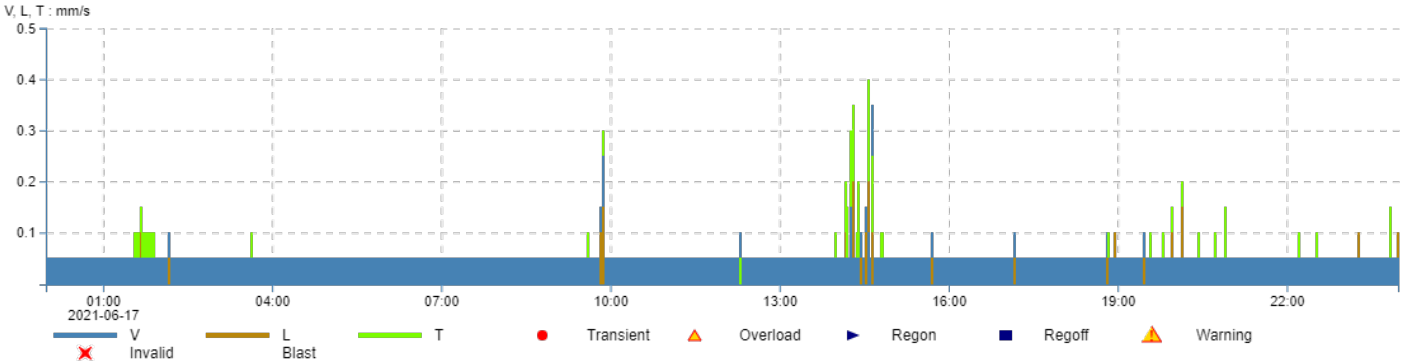


X-span	2021-06-16 00:00:00 - 2021-06-16 23:59:00
Y-span	V, L, T : mm/s: 0.0 - 5.0

	V	L	T
Max	0.60 mm/s	1.50 mm/s	2.80 mm/s
Date	2021-06-16	2021-06-16	2021-06-16
Time	16:55:00	16:55:00	16:55:00

Interval report

Project	Moree Silos
Project maintainer	Angus Leslie
Time frame	2021-06-17 00:00 - 2021-06-17 23:59 (Australia/Brisbane)
Measure point	MP_1
Location	-
Sensor type	C22
Serial no.	102476
Master(s) serial no.	102476
Latest calibration	2019-05-13
Standard	DIN4150-3 Anlage 250mm/s 1-315Hz
Unit	mm/s
Quantity	Velocity
Interval time	1 min
Frequency weighting	OFF
Max	V: 0.35 mm/s, L: 0.20 mm/s, T: 0.40 mm/s

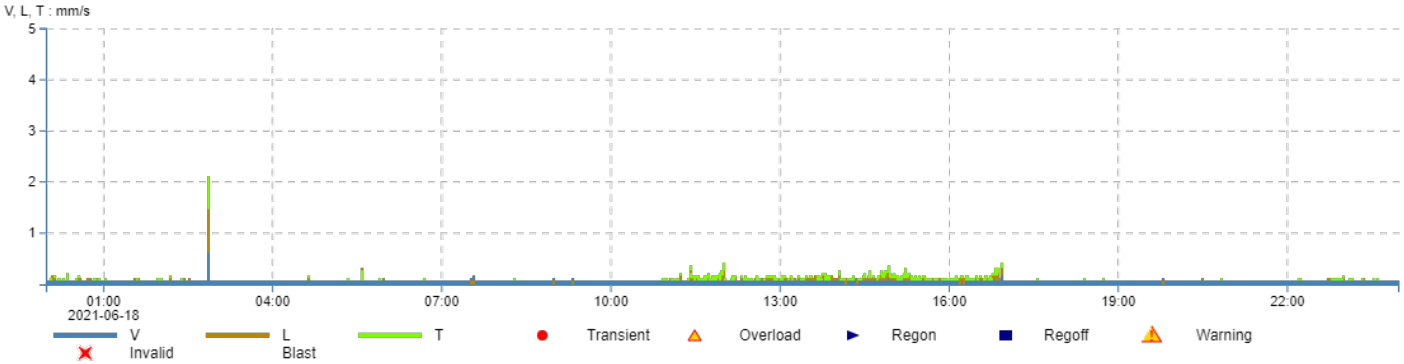


X-span	2021-06-17 00:00:00 - 2021-06-17 23:59:00
Y-span	V, L, T : mm/s: 0.0 - 0.50

	V	L	T
Max	0.35 mm/s	0.20 mm/s	0.40 mm/s
Date	2021-06-17	2021-06-17	2021-06-17
Time	14:37:00	14:18:00	14:34:00

Interval report

Project	Moree Silos
Project maintainer	Angus Leslie
Time frame	2021-06-18 00:00 - 2021-06-18 23:59 (Australia/Brisbane)
Measure point	MP_1
Location	-
Sensor type	C22
Serial no.	102476
Master(s) serial no.	102476
Latest calibration	2019-05-13
Standard	DIN4150-3 Anlage 250mm/s 1-315Hz
Unit	mm/s
Quantity	Velocity
Interval time	1 min
Frequency weighting	OFF
Max	V: 0.60 mm/s, L: 1.45 mm/s, T: 2.10 mm/s

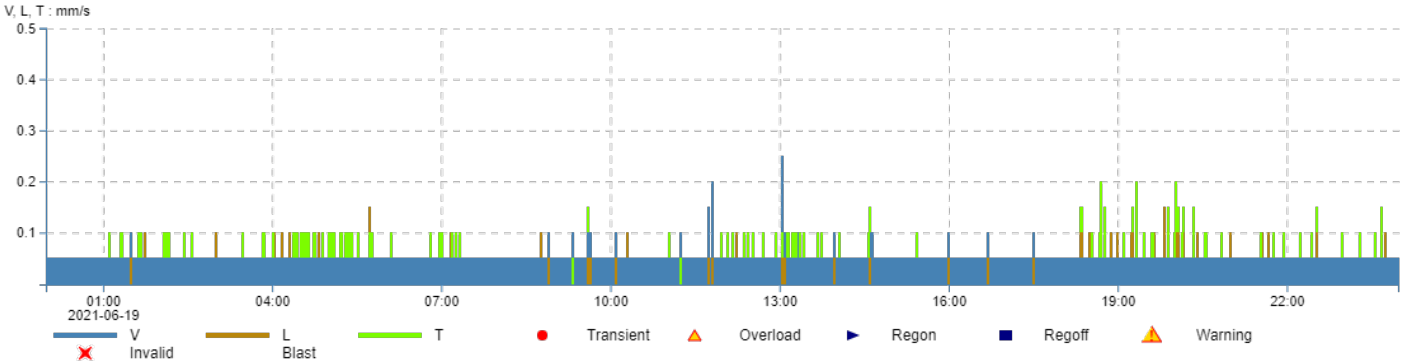


X-span	2021-06-18 00:00:00 - 2021-06-18 23:59:00
Y-span	V, L, T : mm/s: 0.0 - 5.0

	V	L	T
Max	0.60 mm/s	1.45 mm/s	2.10 mm/s
Date	2021-06-18	2021-06-18	2021-06-18
Time	02:51:00	02:51:00	02:51:00

Interval report

Project	Moree Silos
Project maintainer	Angus Leslie
Time frame	2021-06-19 00:00 - 2021-06-19 23:59 (Australia/Brisbane)
Measure point	MP_1
Location	-
Sensor type	C22
Serial no.	102476
Master(s) serial no.	102476
Latest calibration	2019-05-13
Standard	DIN4150-3 Anlage 250mm/s 1-315Hz
Unit	mm/s
Quantity	Velocity
Interval time	1 min
Frequency weighting	OFF
Max	V: 0.25 mm/s, L: 0.15 mm/s, T: 0.20 mm/s

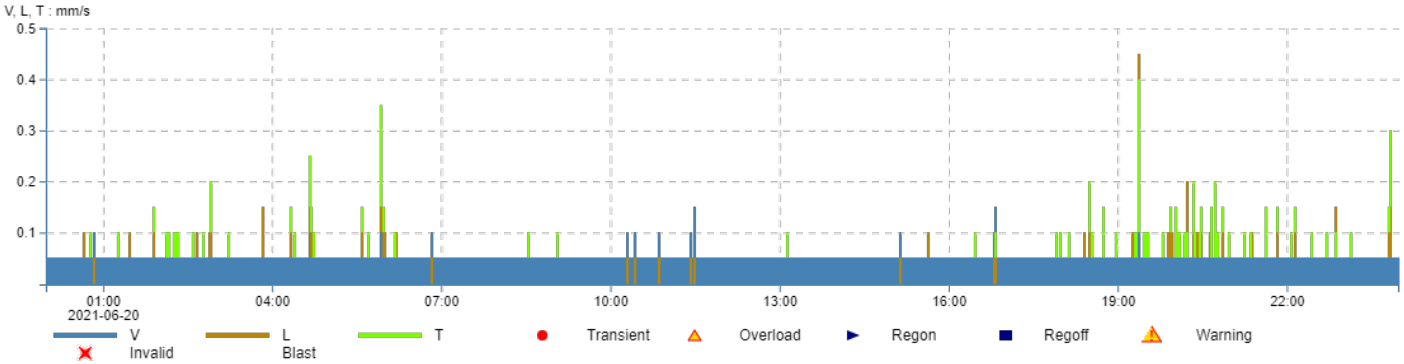


X-span	2021-06-19 00:00:00 - 2021-06-19 23:59:00
Y-span	V, L, T : mm/s: 0.0 - 0.50

	V	L	T
Max	0.25 mm/s	0.15 mm/s	0.20 mm/s
Date	2021-06-19	2021-06-19	2021-06-19
Time	13:02:00	05:44:00	18:42:00

Interval report

Project	Moree Silos
Project maintainer	Angus Leslie
Time frame	2021-06-20 00:00 - 2021-06-20 23:59 (Australia/Brisbane)
Measure point	MP_1
Location	-
Sensor type	C22
Serial no.	102476
Master(s) serial no.	102476
Latest calibration	2019-05-13
Standard	DIN4150-3 Anlage 250mm/s 1-315Hz
Unit	mm/s
Quantity	Velocity
Interval time	1 min
Frequency weighting	OFF
Max	V: 0.15 mm/s, L: 0.45 mm/s, T: 0.40 mm/s

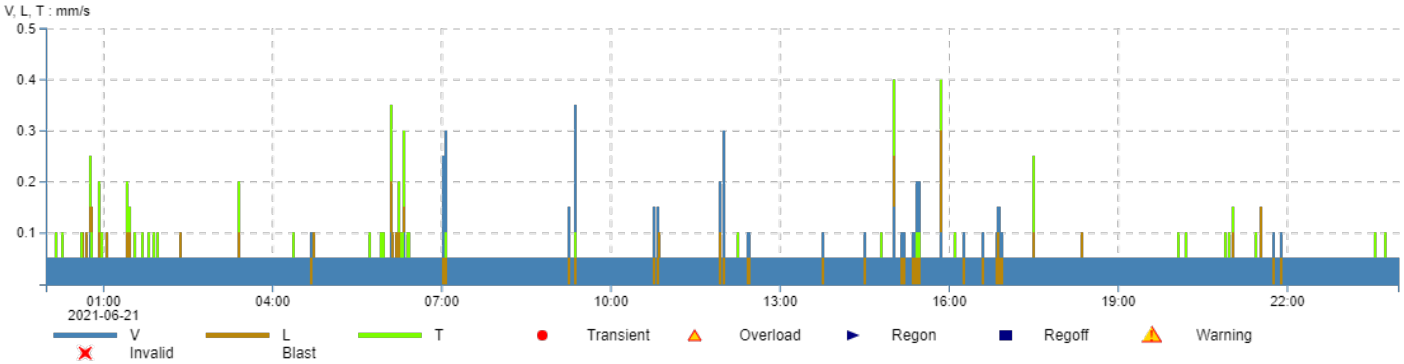


X-span	2021-06-20 00:00:00 - 2021-06-20 23:59:00
Y-span	V, L, T : mm/s: 0.0 - 0.50

	V	L	T
Max	0.15 mm/s	0.45 mm/s	0.40 mm/s
Date	2021-06-20	2021-06-20	2021-06-20
Time	11:29:00	19:22:00	19:22:00

Interval report

Project	Moree Silos
Project maintainer	Angus Leslie
Time frame	2021-06-21 00:00 - 2021-06-21 23:59 (Australia/Brisbane)
Measure point	MP_1
Location	-
Sensor type	C22
Serial no.	102476
Master(s) serial no.	102476
Latest calibration	2019-05-13
Standard	DIN4150-3 Anlage 250mm/s 1-315Hz
Unit	mm/s
Quantity	Velocity
Interval time	1 min
Frequency weighting	OFF
Max	V: 0.35 mm/s, L: 0.30 mm/s, T: 0.40 mm/s

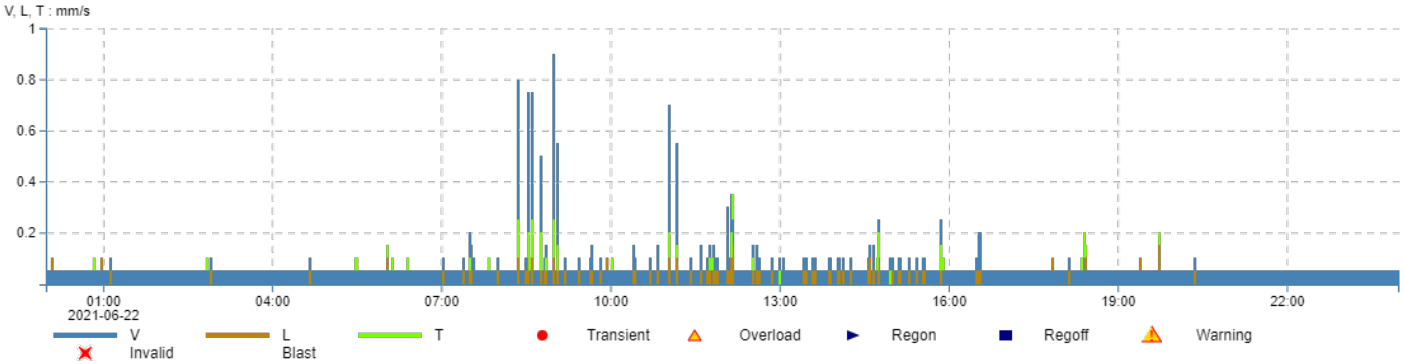


X-span	2021-06-21 00:00:00 - 2021-06-21 23:59:00
Y-span	V, L, T : mm/s: 0.0 - 0.50

	V	L	T
Max	0.35 mm/s	0.30 mm/s	0.40 mm/s
Date	2021-06-21	2021-06-21	2021-06-21
Time	09:21:00	15:52:00	15:02:00

Interval report

Project	Moree Silos
Project maintainer	Angus Leslie
Time frame	2021-06-22 00:00 - 2021-06-22 23:59 (Australia/Brisbane)
Measure point	MP_1
Location	-
Sensor type	C22
Serial no.	102476
Master(s) serial no.	102476
Latest calibration	2019-05-13
Standard	DIN4150-3 Anlage 250mm/s 1-315Hz
Unit	mm/s
Quantity	Velocity
Interval time	1 min
Frequency weighting	OFF
Max	V: 0.90 mm/s, L: 0.15 mm/s, T: 0.35 mm/s

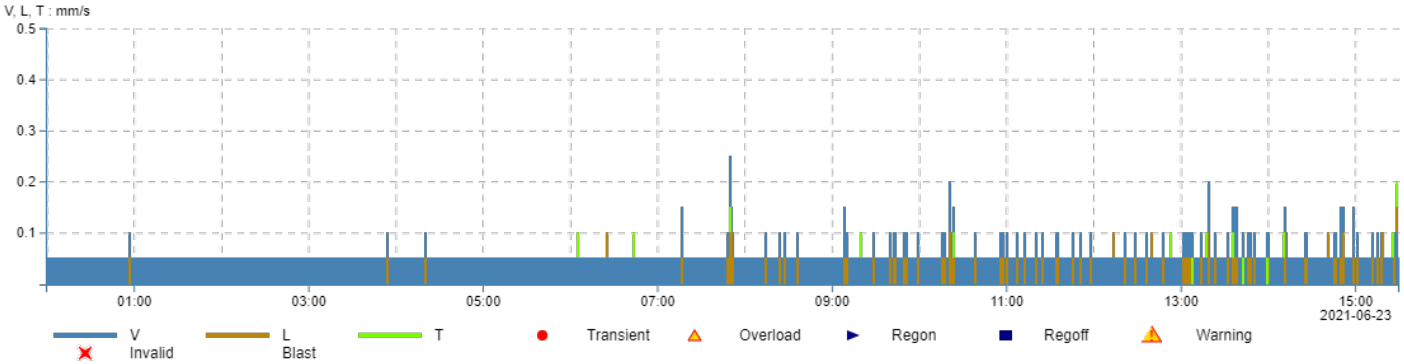


X-span	2021-06-22 00:00:00 - 2021-06-22 23:59:00
Y-span	V, L, T : mm/s: 0.0 - 1.0

	V	L	T
Max	0.90 mm/s	0.15 mm/s	0.35 mm/s
Date	2021-06-22	2021-06-22	2021-06-22
Time	09:00:00	12:09:00	12:09:00

Interval report

Project	Moree Silos
Project maintainer	Angus Leslie
Time frame	2021-06-23 00:00 - 2021-06-23 15:30 (Australia/Brisbane)
Measure point	MP_1
Location	-
Sensor type	C22
Serial no.	102476
Master(s) serial no.	102476
Latest calibration	2019-05-13
Standard	DIN4150-3 Anlage 250mm/s 1-315Hz
Unit	mm/s
Quantity	Velocity
Interval time	1 min
Frequency weighting	OFF
Max	V: 0.25 mm/s, L: 0.15 mm/s, T: 0.20 mm/s



X-span	2021-06-23 00:00:00 - 2021-06-23 15:30:00
Y-span	V, L, T : mm/s: 0.0 - 0.50

	V	L	T
Max	0.25 mm/s	0.15 mm/s	0.20 mm/s
Date	2021-06-23	2021-06-23	2021-06-23
Time	07:50:00	15:29:00	15:29:00