

SCT LOGISTICS - ANNUAL ROLLING STOCK PERFORMANCE REPORT

LOCOMOTIVE NOISE TESTING

R4.2 The licensee must submit to the EPA no later than 28 February of each year an Annual Rolling Stock Performance report for the previous calendar year (1 January to 31 December).

LOCO ID	LOCO Class	Engine manufacturer	Engine Model	Date of overhaul	Noise testing completed Y/N	Noise testing compliant Y/N
SCT 004	SCT	EMD	EMD 16-710G3C-ES	29/08/2020	N	N/A
CSR 009	CSR	MTU	MTU 20CYL - V4000R43L	2/10/2020	N	N/A
CSR 005	CSR	MTU	MTU 20CYL - V4000R43L	23/11/2020	Y	N
SCT011	SCT	EMD	EMD 16-710G3C-ES	4/01/2021	Y	Y
CSR003	CSR	MTU	MTU 20CYL - V4000R43L	29/04/2021	N (Dynamic brake grids cut out)	N/A
CSR001	CSR	MTU	MTU 20CYL - V4000R43L	19/05/2021	Y	Y
CSR011	CSR	MTU	MTU 20CYL - V4000R43L	23/06/2021	Y	Y
SCT010	SCT	EMD	EMD 16-710G3C-ES	14/07/2021	Y	Y
CSR004	CSR	MTU	MTU 20CYL - V4000R43L	10/09/2021	Y	Y
CSR010	CSR	MTU	MTU 20CYL - V4000R43L	2/11/2021	N	N/A

Non-compliant locomotive	In Service locomotive noise testing (Excludes Legacy Locomotives) Where the noise measurements obtained under Condition M5.3(a) exceed the limits in Condition L3.5 by more than 5dB and/or exhibit tonality in accordance with Condition L3.6, provide details of the management plan below:			
	Proposed feasible and reasonable noise mitigation measures to reduce noise emissions from the locomotive to comply with Conditions L3.5 and L3.6	Timeframe to implement noise mitigation measure	Date Mgmt Plan submitted for EPA Approval	Date plan approved by the EPA
CSR005	Further noise testing to identify frequency of high noise level to a component e.g. dynamic brake grid fans, engine noise.	Next lettered service due 7/06/2022		

	If engine noise, then muffler replacement and exhaust bellow replacement. If dynamic brake grid noise, have fan and motor cleaned and balanced.			
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We were unable to conduct noise tests on Locomotives SCT004, CSR009 and CSR010 due to the below:

- We commissioned 10 new locomotives during this time which took resources away
- Covid restrictions on key personnel and staff shortages
- One in 200-year event where the track washed away which left several locomotives stuck in Perth
- Dynamic brake grid cut out on CSR003 and were unable to load test.

ANGLE OF ATTACK – DATE AND LOCATIONS IN APPENDIX 1

SCT and Gemco have been inspecting the Wagons that infringed multiple times and are now focussing on the priority wagons the ABSY and PBGY wagons. It has been determined a number of these wagons had just been fitted with new wheels – i.e. hence exceeding AoA till bedded in. A procedure is being developed that will detail specific criteria for more detailed inspection of the wagons critical areas that are considered would affect the AoA;

An initial checklist of items for visual inspection will include:

- Bolster Gibs
- Side frame gibs
- Friction Wedges
- Twist locks (if a container wagon)
- Wagon centre plate (without lifting)
- Bogie centre bowl (without lifting)
- Bogie Springs
- Bearing Adaptors
- Wheel flanges

Wagon class	Wagon ID	Total Number of Axle Passes in the Reporting Period	Total Number of Axles Exceeding 15mrad Criteria	Wagon Rectified In Accordance with Condition U5 of Licence at 31 Dec 2021?
PBGY	PBGY 000082	52	2	No
PBGY	PBGY 000158	48	37	No
PBGY	PBGY 000063	40	12	No
ABSY	ABSY 002817	36	13	No
ABSY	ABSY 002819	20	11	No
PBGY	PBGY 000044	44	22	No
PBGY	PBGY 000152	48	10	No
PBGY	PBGY 000109	40	22	No
PBGY	PBGY 000140	72	42	No
PBGY	PBGY 000122	32	27	No

PBGY	PBGY 000028	52	13	No
PBGY	PBGY 000077	52	21	No
ABSY	ABSY 003088	28	15	No
PBGY	PBGY 000162	52	26	No
PBGY	PBGY 000142	40	9	No
PBGY	PBGY 000159	64	41	No
ABSY	ABSY 004485	44	16	No
PBGY	PBGY 000097	48	23	No
ABSY	ABSY 003130	36	16	No
ABSY	ABSY 004460	64	12	No
PBGY	PBGY 000017	48	24	No
ABSY	ABSY 003092	52	20	No
PBGY	PBGY 000041	64	23	No
ABSY	ABSY 002488	32	15	No
ABSY	ABSY 002674	64	12	No
ABSY	ABSY 002823	44	19	No
PBGY	PBGY 000015	72	4	No
ABSY	ABSY 002464	40	9	No
ABSY	ABSY 002808	52	26	No
ABSY	ABSY 002809	36	7	No
PBGY	PBGY 000090	56	17	No
PBGY	PBGY 000058	48	15	No
PBGY	PBGY 000131	60	32	No
PBGY	PBGY 000086	28	9	No
PBGY	PBGY 000145	44	13	No
PBGY	PBGY 000120	44	14	No
PBGY	PBGY 000150	56	39	No
PBGY	PBGY 000102	48	11	No
PBGY	PBGY 000125	44	19	No
ABSY	ABSY 002687	28	2	No
PBGY	PBGY 000021	60	15	No
PBGY	PBGY 000066	40	9	No
PBGY	PBGY 000061	48	20	No
ABSY	ABSY 003128	40	10	No
ABSY	ABSY 002816	40	15	No
ABSY	ABSY 003117	40	9	No
PBGY	PBGY 000076	56	12	No
ABSY	ABSY 004495	32	12	No
PBGY	PBGY 000064	48	18	No
PBGY	PBGY 000051	60	26	No
PBGY	PBGY 000130	44	13	No
ABSY	ABSY 002444	16	8	No
ABSY	ABSY 002457	56	7	No
ABSY	ABSY 002813	20	2	No
PBGY	PBGY 000071	20	10	No
PBGY	PBGY 000099	48	8	No
PBGY	PBGY 000138	48	19	No
ABSY	ABSY 002485	16	6	No
PBGY	PBGY 000103	52	16	No
ABSY	ABSY 003113	24	5	No
PBGY	PBGY 000135	64	17	No
PBGY	PBGY 000148	56	14	No

ABSY	ABSY 004453	56	3	No
PBGY	PBGY 000136	60	27	No
PBGY	PBGY 000134	44	6	No
ABSY	ABSY 004480	52	7	No
ABSY	ABSY 003109	16	4	No
PBGY	PBGY 000003	40	23	No
ABSY	ABSY 002679	32	14	No
PBGY	PBGY 000013	56	10	No
PBGY	PBGY 000031	28	9	No
PBGY	PBGY 000145	44	13	No
PBGY	PBGY 000120	44	14	No
PBGY	PBGY 000150	56	39	No
PBGY	PBGY 000102	48	11	No
PBGY	PBGY 000125	44	19	No
ABSY	ABSY 002687	28	2	No
PBGY	PBGY 000087	48	9	No
ABSY	ABSY 004416	44	8	No
PBGY	PBGY 000030	52	19	No
PBGY	PBGY 000092	36	8	No
PBGY	PBGY 000074	24	5	No
PBGY	PBGY 000104	40	10	No
PBGY	PBGY 000022	40	16	No
PBGY	PBGY 000105	56	20	No
ABSY	ABSY 004487	40	9	No
PBGY	PBGY 000144	72	13	No
ABSY	ABSY 002496	8	7	No
PBGY	PBGY 000107	32	6	No
PBGY	PBGY 000137	40	10	No
ABSY	ABSY 002512	12	2	No
ABSY	ABSY 004417	36	11	No
ABSY	ABSY 003090	32	12	No
ABSY	ABSY 002798	44	5	No
PBGY	PBGY 000114	56	23	No
PBGY	PBGY 000117	44	2	No
PBGY	PBGY 000106	36	19	No
PBGY	PBGY 000139	40	4	No
PBGY	PBGY 000147	48	6	No
ABSY	ABSY 002658	36	14	No
PBGY	PBGY 000038	60	21	No
PBGY	PBGY 000094	72	23	No
ABSY	ABSY 002792	16	5	No
ABSY	ABSY 003089	36	13	No
PBGY	PBGY 000016	48	12	No
ABSY	ABSY 002490	36	12	No
ABSY	ABSY 003125	32	14	No
PBGY	PBGY 000123	48	18	No
ABSY	ABSY 002505	56	12	No
PBGY	PBGY 000072	40	9	No
PBGY	PBGY 000081	32	14	No
ABSY	ABSY 002510	40	6	No
PBGY	PBGY 000126	44	18	No
ABSY	ABSY 004434	48	5	No
PBGY	PBGY 000127	44	2	No

PBGY	PBGY 000070	48	9	No
PBGY	PBGY 000143	60	13	No
PBGY	PBGY 000078	48	12	No
ABSY	ABSY 003098	36	2	No
ABSY	ABSY 004463	24	8	No
ABSY	ABSY 002669	44	12	No
ABSY	ABSY 002821	40	7	No
PBGY	PBGY 000079	60	5	No
PBGY	PBGY 000119	52	14	No
PBGY	PBGY 000032	44	3	No
PBGY	PBGY 000034	64	12	No
ABSY	ABSY 004476	44	9	No
ABSY	ABSY 004461	48	3	No
PBGY	PBGY 000024	40	10	No
PBGY	PBGY 000018	76	7	No
PBGY	PBGY 000080	56	8	No
ABSY	ABSY 004418	24	5	No
ABSY	ABSY 002466	28	8	No
PBGY	PBGY 000121	52	14	No
ABSY	ABSY 002663	32	5	No
PBGY	PBGY 000128	60	8	No
ABSY	ABSY 002814	36	2	No
PBGY	PBGY 000067	44	4	No
PBGY	PBGY 000112	40	8	No
PBGY	PBGY 000025	60	12	No
PBGY	PBGY 000118	40	6	No
PBGY	PBGY 000012	36	7	No
PBGY	PBGY 000047	68	5	No
ABSY	ABSY 004455	24	8	No
ABSY	ABSY 002463	24	2	No
ABSY	ABSY 003114	28	4	No
PBGY	PBGY 000001	60	13	No
ABSY	ABSY 002830	28	10	No
ABSY	ABSY 004426	44	7	No
PBGY	PBGY 000146	36	8	No
ABSY	ABSY 004437	44	12	No
ABSY	ABSY 004419	24	7	No
ABSY	ABSY 002456	36	20	No
PBGY	PBGY 000033	28	8	No
ABSY	ABSY 002454	16	5	No
ABSY	ABSY 003135	32	3	No
PBGY	PBGY 000002	60	3	No
ABSY	ABSY 002484	36	6	No
ABSY	ABSY 002654	28	4	No
ABSY	ABSY 004445	32	6	No
PBGY	PBGY 000039	44	6	No
ABSY	ABSY 002678	32	4	No
PBGY	PBGY 000004	36	7	No
ABSY	ABSY 004431	36	5	No
ABSY	ABSY 004447	8	2	No
ABSY	ABSY 002652	20	9	No
ABSY	ABSY 002683	48	2	No
ABSY	ABSY 003137	24	8	No

PBGY	PBGY 000046	44	9	No
ABSY	ABSY 002461	36	4	No
ABSY	ABSY 002657	32	5	No
ABSY	ABSY 002478	28	5	No
PBGY	PBGY 000020	32	13	No
PBGY	PBGY 000049	52	5	No
PBGY	PBGY 000111	48	2	No
PBGY	PBGY 000059	40	3	No
PBGY	PBGY 000042	60	4	No
PBGY	PBGY 000062	44	6	No
ABSY	ABSY 002473	36	8	No
PBGY	PBGY 000045	28	4	No
ABSY	ABSY 002507	16	3	No
ABSY	ABSY 003104	24	3	No
PBGY	PBGY 000052	40	2	No
ABSY	ABSY 004472	24	1	No
ABSY	ABSY 002452	36	4	No
ABSY	ABSY 002474	32	3	No
PBGY	PBGY 000075	40	4	No
PBGY	PBGY 000057	48	3	No
ABSY	ABSY 004499	28	3	No
ABSY	ABSY 004458	24	1	No
ABSY	ABSY 002812	16	1	No
PBGY	PBGY 000023	60	6	No
PBGY	PBGY 000154	52	4	No
PBGY	PBGY 000093	44	4	No
PBGY	PBGY 000035	56	3	No
PBGY	PBGY 000156	20	2	No
PBGY	PBGY 000084	40	1	No
ABSY	ABSY 002826	40	3	No
PBGY	PBGY 000060	52	4	No
PBGY	PBGY 000069	52	3	No
PBGY	PBGY 000100	52	1	No
ABSY	ABSY 002489	36	1	No
PBGY	PBGY 000011	48	1	No
PBGY	PBGY 000009	56	2	No
ABSY	ABSY 002451	16	4	No
ABSY	ABSY 002443	40	1	No
ABSY	ABSY 002469	28	1	No
ABSY	ABSY 002445	40	1	No
PBGY	PBGY 000006	52	1	No
PBGY	PBGY 000088	40	2	No
PBGY	PBGY 000155	32	1	No
ABSY	ABSY 002680	52	1	No
ABSY	ABSY 002800	28	1	No
ABSY	ABSY 004473	48	1	No