

**INFORMATION COLLECTION
SUMMARY OF CHANGES
Locomotive Safety Standards
OMB No. 2130-0004
RIIN 2130-AC16**

TABLE FOR PROGRAM CHANGES

Part 229 Sec.	Responses	Average Burden	Total Burden/ Change in Responses
229.15a –Design and Operation - Tagging Each Remote Control Locomotive at Control Throttle (New Requirement)	3,000 tags	100 hours	+ 100 hours + 3,000 resp.
229.15b –Inspection Testing and Repair – Records of Defective Operational Control Units (New Requirement)	200 records	17 hours	+ 17 hours + 200 resp.
229.20a –Electronic Recordkeeping – Electronic Notification to RR Locomotive is Due for Inspection (New Requirement)	21,000 notif	6 hours	+ 6 hours + 21,000 resp.
229.23(f) –Periodic Inspection: General- RR Provision of List of Defects to Employees Performing Inspections (New Requirement)	4,000 lists + 4,000 copies	266 hours	+ 266 hours + 8,000 resp.
229.23(g) –Periodic Inspection: General- RR Provision of List of All Tests Conducted Since Last Inspection and Procedures Needed to Perform Inspection (New Requirement)	19,000 docs	633 hours	+ 633 hours + 19,000 resp.
229.29 –Air Brake System Maintenance and Testing – RR Calibration Test of Air Flow Meter and Record (New Requirement)	22,000 tests/ records	367 hours	+ 367 hours + 22,000 resp.
229.46 –Brakes: General- Tagging of Isolation Switch of Locomotive by Employees (New Requirement)	2,100 tags	70 hours	+ 70 hours + 2,100 resp.
229.123(b) –Pilots, Snowplows, and Plates – Stenciling of Such Equipment Above Six Inches (New Requirement)	20 loco. stencilings	1 hour	+ 1 hour + 20 resp.
229.123(b)(4) –Pilots, Snowplows, and Plates –Equipment Above Six Inches - Notation on Form FRA F 6180.49A (New Requirement)	20 notations	1 hour	+ 1 hour + 20 resp.
SUBPART E – LOCOMOTIVE ELECTRONICS (NEW)			
229.303(a) –Requests to FRA for On-Track Testing Outside a Facility for Products (New Requirement)	20 requests	160 hours	+ 160 hours + 20 resp.
229.303(b) –Identification to FRA by Vendors of All Products Under Development (New Requirement)	20 product ID docs.	40 hours	+ 40 hours + 20 resp.
229.307 –Safety Analysis (SA) for Each Product Subject to This Subpart (New Requirement)	300 SA documents	72,000 hour	+ 72,000 hours + 300 resp.
229.309(a) –Notification to FRA of Safety-Critical Design Changes to Products (New Requirement)	10 notific.	160 hours	+ 160 hours + 10 resp.
229.309(b) –Report to Railroads of Previously Unidentified Product Hazards by Suppliers/Private Equipment Owners (New Requirement)	10 reports	80 hours	+ 80 hours + 10 resp.
229.311(a) –RR Notification to FRA of Intent to Place Product in Service Prior to Initial Planned Use (New Requirement)	300 notific.	600 hours	+ 600 hours + 300 resp.

229.311(c) –RR Maintenance of Documents Used to Demonstrate Product Meets SA Safety Requirements (New Requirement)	300 docs.	600 hours	+ 600 hours + 300 resp.
229.311(d) –RR Maintenance of Database of All Safety Relevant Hazards Encountered with Product (New Requirement)	300 data bases	1,200 hours	+1,200 hours + 300 resp.
229.311(d) –RR Report of Safety Relevant Hazards Exceeding SA Threshold (New Requirement)	10 written reports	20 hours	+ 20 hours + 10 resp.
229.311(d) –RR Final Report of Analysis/Countermeasures to Reduce Product Safety Relevant Hazards (New Requirement)	10 written final reports	40 hours	+ 40 hours + 10 resp.
229.313 – Product Testing Results and Records (New Requirement)	120,000 tests/records	10,000 hour	+ 10,000 hours + 120,000 resp.
229.315(a/b) – RR Product Operations and Maintenance Manuals (New Requirement)	300 manuals	12,000 hour	+ 12,000 hours + 300 resp.
229.315(c) – RR Configuration Management Control Plans That Document Product Hardware/Software/Firmware Revisions (New Requirement)	300 plans	2,400 hours	+ 2,400 hours + 300 resp.
229.315(d) – Identification of Safety-Critical Components (New Requirement)	60,000 I.D. Components	5,000 hours	+ 5,000 hours + 60,000 resp.
229.317(a) – RR Training and Qualification Program (New Requirement)	300 programs	12,000 hour	+ 12,000 hours + 300 resp.
229.317(b) – RR Training of Stipulated Employees (New Requirement)	10,000 trained employees	5,000 hours	+ 5,000 hours + 10,000 resp.
229.317(f) – RR Periodic Refresher Training of Stipulated Employees (New Requirement)	1,000 trained employees	333 hours	+ 333 hours + 1,000 resp.
229.317(g) – RR Regular and Periodic Evaluation of Training Program (New Requirement)	300 evaluation	1,200 hours	+ 1,200 hours + 300 resp.
229.317(h) – RR Records of Qualified Employees (New Requirement)	10,000 record	1,667 hours	+ 1,667 hours + 10,000 resp.
APPENDIX F – GUIDANCE FOR VERIFICATION AND VALIDATION OF PRODUCTS – Third Party Assessments (New Requirement)	1 assessment	4,000 hours	+ 4,000 hours + 1 response

Program Changes above increased the burden amount by 130,041 hours, and increased the number of responses by 278,821.

TABLE FOR PROGRAM ADJUSTMENTS

Part 229 Sec.	Responses & Avg. Time (Previous Submission)	Responses & Avg. Time (This Submission)	Burden Hours (Previous Submission)	Burden Hours (This Submission)	Difference (plus/minus)
229.21 – Daily Inspections	21,750 inspection/ Records 1-3 minutes	26,500 inspection/ records 16-18 minutes	155,350 hours	1,911,780 hour	+ 1,756,430 hrs. + 4,750 resp.
229.21 – Daily Inspections for MUs and Written Reports	0 reports 0 minutes	250 reports 13 minutes	0 hours	54 hours	+ 41 hrs. + 250 responses
229.23(e) – Periodic Insp.— Secondary Record	0 records 0 minutes	19,000 records 2 minutes	0 hours	633 hours	+ 633 hrs. + 19,000 resp.
229.135 – Event Recorder – Reportable Events	2,930 reports 15 minutes	10,000 reports 15 minutes	733 hours	2,500 hours	+ 1,767 hrs. + 7,070 resp.
229.85 – Marked Doors, Cover Plates, or Barriers	0 markings 0 minutes	1,000 markings 1 minute	0 hours	17 hours	+ 17 hrs. + 1,000 resp.
210.31 – Main Reservoir Tests/ Insp. – Form FRA F 6180.49A	87,000 tests/forms	19,000 tests/forms	696,000 hours	152,000 hours	minus 544,000 hours minus 68,000 responses
229.135(b) – Event Recorders – Certified Memory Modules	200 modules 3 hours	0 modules 0 hours	600 hours	0 hours	minus 600 hrs. minus 200 resp.
229.135(b)(3) – Event Recorders – Certified Memory Modules	600 modules 2 hours	0 modules 0 hours	1,200 hours	0 hours	Minus 1,200 hrs. minus 600 resp.
210.31 – Noise Emission Tests – Locomotives – Remarks – Form FRA F 6180.49A	100 tests/remarks 15 minutes	0 tests/remarks 0 minutes	25 hours	0 hours	minus 25 hrs. minus 100 resp.

Adjustments increase above amount to 1,758,888 *hours*, while adjustment decreases amount to 545,825*hours*. Overall, adjustments above increased the burden by 1,213,063 hours and decreased responses by 36,830.

Program Changes and Adjustments combined increased the burden by 1,343,104 hours, and increased the number of responses by 241,991.