

Regulation		Number of Respondents	Response per Carrier	Number of Responses	Hours per Response	Total Burden Hours	Salary Cost per Hour	Total Salary Cost	Total Burden Cost
107.401; 107.402; 107.403; 107.404; 107.405; 107.502; 107.701; 107.705; 107.709; 107.713; 107.715; 107.717; 107.801; 107.803; 107.807; 173.301; 173.305; 173.314; 173.316; 173.318; 178.35	Designated approval agencies, independent cylinder testing agencies, and prospective foreign manufacturers of cylinders	15	1	15	4.75	71.25	\$80.57	\$5,741	\$0

Regulation		Number of Respondents	Response per Carrier	Number of Responses	Minutes per Response	Total Burden Hours	Salary Cost per Hour	Total Salary Cost	Total Burden Cost
	Approval of cylinder and pressure receptacle requalifiers	7,130	1	7,130	66.3	7,878.65	\$80.57	\$634,791	\$0
107.805	RIN Approval for Cylinders (International Shipments)	3,500	1	3,500	51.12	2,982	\$80.57	\$240,263	\$0

Regulation		Number of Respondents	Response per Carrier	Number of Responses	Hours per Response	Total Burden Hours	Salary Cost per Hour	Total Salary Cost	Total Burden Cost
172.102(c) Special Provisions 5, 26, 29, 53, 55, 105, 118, 121, 125, 129, 131, 136, 147, 164, A54, A55, B55, B61, B69, B77, B81, N72, TP9; 173.2a(c)(4); 107.803; 173.4; 173.21; 173.22; 173.24; 173.28; 173.31; 173.32; 173.124; 173.128; 173.159; 173.166; 173.168; 173.171; 173.225; 173.245; 173.306; 173.307; 173.308; 173.340; 173.411; 173.433; 173.471; 173.472; 173.473; 173.476; 175.8; 175.9; 175.701; 176.704; 178.3; 178.503	Safety determinations as to the adequacy of the packagings for materials with special hazards	100	1	100	4.75	475	\$80.57	\$38,271	\$0

Regulation		Number of Respondents	Response per Carrier	Number of Responses	Hours per Response	Total Burden Hours	Salary Cost per Hour	Total Salary Cost	Total Burden Cost
172.102, A100	Lithium Battery State of Charge Approval	468	1	468	40	18,720	\$80.57	\$1,508,289	\$0

Regulation		Number of Respondents	Response per Carrier	Number of Responses	Hours per Response	Total Burden Hours	Salary Cost per Hour	Total Salary Cost	Total Burden Cost
173.7; 173.185; 173.214; 173.222; 173.305; 173.315; 173.334; 176.340; 178.47; 178.53; 178.58; 178.509; 178.601; 178.603; 178.604; 178.605; 178.606; 178.608.	Alternative packagings or test methods	24	1	24	4.75	114	\$80.57	\$9,185	\$0

Regulation		Number of Respondents	Response per Carrier	Number of Responses	Hours per Response	Total Burden Hours	Salary Cost per Hour	Total Salary Cost	Total Burden Cost
173.51; 173.56; 173.58; 173.59; 173.171	Testing and assignment of the classification of explosive materials	700	1	700	4.75	3,325	\$80.57	\$267,899	\$0

Regulation		Number of Respondents	Response per Carrier	Number of Responses	Hours per Response	Total Burden Hours	Salary Cost per Hour	Total Salary Cost	Total Burden Cost
173.64	Packaging Exception/Exceptions for Division 1.4G consumer fireworks	3,200	1	3,200	4.75	15,200	\$80.57	\$1,224,679	\$0

Regulation		Number of Respondents	Response per Carrier	Number of Responses	Hours per Response	Total Burden Hours	Salary Cost per Hour	Total Salary Cost	Total Burden Cost
173.196	Infectious Substances	5	1	5	4.75	23.75	\$80.57	\$1,914	\$0

Total Number of Respondents	Total Number of Responses	Total Burden Hours	Total Salary Cost	Total Burden Cost
15,142	15,142	48,790	\$3,931,031	\$0

OES Mean Hourly Wage	Compensation Percentage	Adjusted Mean Hourly Wage
Occupation labor rates based on 2018 Occupational and Employment Statistics Survey (OES) for "Chemical Engineers (17-2041)." <a href="https://www.bls.gov/oes/current/oes436011.htm">https://www.bls.gov/oes/current/oes436011.htm</a> The hourly mean wage for this occupation (\$55.03) is adjusted to reflect the total costs of employee compensation based on the BLS Employer Costs for Employee Compensation Summary, which indicates that wages for civilian workers are 68.3 percent of total compensation (total wage = wage rate/wage % of total compensation).	55.03	68.30% \$80.57

<u>Total Number of Approvals</u>	<u>Minutes per Review</u>	<u>Total Number of Review Hours</u>
15,142	30	7,571

Cost to review and approve approvals  
 PHMSA used annual wage data from the  
 Office of Personnel Management (OPM) to  
 estimate wages for its staff at the 2019  
 General Schedule (GS) level 13, step 1, wage  
 class for the Washington-Baltimore-Northern  
 Virginia metropolitan area. In accordance  
 with the OMB Circular No. A-76 (M-07-02;  
 2006), PHMSA included a load factor of  
 36.45 percent for the Federal wage to account  
 for fringe benefits.

\$48

36.45%

\$64.84

<u>Salary Cost per Hour</u>	<u>Total Salary Cost</u>
\$64.84	\$490,911.51