Regulation		<u>Number of</u> <u>Respondents</u>	<u>Response per</u> <u>Carrier</u>	Number of Responses	<u>Hours per</u> <u>Response</u>	<u>Total Burden</u> <u>Hours</u>	<u>Salary Cost per</u> <u>Hour</u>	<u>Total Salary</u> <u>Cost</u>	<u>Total Burden</u> <u>Cost</u>
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	testing agencies, and prospective foreign manufacturers of cylinders	15	1	15	4.75	71.25	\$80.57	\$5,741	\$0

Regulation		Number of Respondents	<u>Response per</u> <u>Carrier</u>	Number of Responses	<u>Minutes per</u> <u>Response</u>	<u>Total Burden</u> <u>Hours</u>	<u>Salary Cost per</u> <u>Hour</u>	<u>Total Salary</u> <u>Cost</u>	<u>Total Burden</u> <u>Cost</u>
	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	<u>Response per</u> <u>Carrier</u>	Number of Responses	Hours per Response	Total Burden Hours	Salary Cost per <u>Hour</u>	Total Salary Cost	<u>Total Burden</u> <u>Cost</u>
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, T99, 173,2dc)(4): 107,030; 173,4 173,21; 173,22; 173,24; 173,26; 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		1	100	4.75	475	\$80.57	\$38,271	\$0

Regulation		<u>Number of</u> Respondents		<u>Number of</u> <u>Responses</u>			<u>Salary Cost per</u> <u>Hour</u>	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	<u>Number of</u> <u>Respondents</u>	<u>Response per</u> <u>Carrier</u>	Number of Responses	Hours per Response	<u>Total Burden</u> <u>Hours</u>	<u>Salary Cost per</u> <u>Hour</u>	<u>Total Salary</u> <u>Cost</u>	<u>Total Burden</u> <u>Cost</u>
173.7; 173.185; 173.214; 173.222; 173.305; 173.315; 173.334; 176.340; 178.47; 178.53; 178.58; 178.509; 001; 178.603; 178.604; 178.605; 178.606; 178.608	24	1	24	4.75	114	\$80.57	\$9,185	\$0

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

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

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

			Total Number of	Total Burden	Total Salary	Total Burden			
		<b>Respondents</b>	Responses	Hours	Cost	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)."									
https://www.bls.gov/oes/current/oes436011.htm 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 based									
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</u> <u>Number of</u> <u>Approvals</u>	<u>Minutes per</u> <u>Review</u>	<u>Total Number of</u> <u>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.

\$4836.45%\$64.84

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