

**LIFO Reports For
Sample Metal Products
For year ended 12/31/2023**

(Appropriate Month Nov 2023/Nov 2022)

Using External Indexes (IPIC Method)

Prepared by:

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Report 18a: Current Period LIFO Reserve Calculation Proof Report - Balances shown include inventory current year cost (FIFO or average cost), current and cumulative indexes, LIFO inventory, reserve and expense and Sec. 263A (UNICAP) costs (if applicable). This report shows all the steps necessary to calculate a given year's LIFO reserve, and shows the details of decrement calculations where applicable. This report shows these calculations for all pools and in total for a given year. The bottom section of this report (except where retail LIFO is used) shows the breakdown of the LIFO expense or income components between the inflation index effect and the layer erosion effect which is also a proof of the accuracy of the current year LIFO reserve balance. The layer erosion effect (a.k.a. LIFO layer liquidation) is the pre-tax amount that is required by GAAP to be disclosed in the notes to the financial statements (if material) for financial reporting purposes.

Report 16: LIFO Calculation History Report - This is a one page per pool LIFO history carryforward schedule for all years, which includes all data fields involved in the calculation of LIFO balances once the current year index and current year cost (FIFO or average cost) total by pool has been determined. This format shows the amount of the original increment or decrement and the amount of all layers remaining as of the latest year closed. The cumulative inflator indexes for years in which there are decrements is the weighted average index of the layers eroded and is equal to the Priced Increase (Decrease) or decrease in LIFO cost divided by the decrease at base prices. The detail of which years' layers are eroded for decrements is shown in Reports 16a and 18a.

Report 16a: LIFO Layer History Proof Report - This is a one page per pool schedule showing the detail by layer of all decrements and the detail by layer of all layers remaining. This report is a proof of the Report 16 decrement calculations.

Report 17: LIFO Inventory History Detail Report - This is a one page per pool LIFO history For all years which includes all data contained In Report 16 but also shows the remaining balance of all layers For all years.

Report 19: LIFO Expense (Income) Components Report - This report shows the breakdown of the LIFO expense or income components between the inflation index effect and the layer erosion effect. The latter is the pre-tax amount that is required by GAAP to be disclosed in the notes to the financial statements (if material) for financial reporting purposes.

Report 23S: IPIC LIFO Calculation Summary Report - This is a summary report by pool and in total showing the IPIC method pool indexes for the current year as well as the prior and current year cumulative indexes, FIFO and LIFO inventory balances, LIFO reserve, and LIFO expense.

Report 23: IPIC LIFO Calculation Detail Report - This shows the details of the pool index calculations Using Harmonic Mean Weighting specified in the IRS Regulations.

Report 24: BLS Category Inflation Index Proof Report - This report shows the current and prior year inflation indexes and calculation of current year inflation index for all PPI categories.

Report 1: LIFO Projection Report - This shows the next year LIFO expense (income) amounts that would result from the range of year end inventory current year cost (FIFO or average cost) balances shown in the leftmost column and the range of inflation indexes shown on the sixth row.

Current Year Cost Reconciliation - This schedule ties the client or user-provided schedule of inventory balances at cost to the Current Year Cost used for the year end LIFO calculation.

**LIFO Methods Used For
Sample Metal Products
For year ended 12/31/2023**

Overall method:	Dollar-value LIFO
Inflation comparison period method:	Link-Chain
Inflation measurement source:	IPIC method
Published (external) indexes used:	Producer Price Indexes (PPI)
Weighted average IPIC index calculation method:	10% method Not Used
PPI appropriate month:	Current year: Nov 23 Prior year: Nov 22
LIFO pooling method:	IPIC pooling method
Current Year Cost method:	FIFO

LIFO RESERVE CALCULATION PROOF REPORT 18a

12/31/2023

Data path:Y:\LIFOPRO1\SAMPLE REPORTS\SAMPLE METAL PRODUCTS EXTERNAL INDEX\LPSW Data Files\

Pool number	1		
Pool name	Row	Formula/Source	All inventories
Current-year cost	7	Inventory total	27,471,964
Current year deflator index	8	Pool index calculated	1.035339
Prior year cumulative deflator index	9	Layer history Report 16	.924173
Current year cumulative deflator index	10	Row 8 times Row 9	.956832
Current year inventory at base	11	Row 7 divided by Row 10	28,711,367
Prior year inventory at base	12	Layer history Report 16	29,345,602
Increase(decrease) at base	13	Row 11 minus Row 12	-634,235
Current year cumulative inflator index	14	Same as Row 10 for increment	n/a
Increase(decrease) in LIFO cost	15	Row 28	-586,143
Prior year LIFO inventory	16	Layer history Report 16	25,975,149
Current year LIFO inventory	17	Row 15 plus Row 16	25,389,006
Current year LIFO reserve	18	Row 7 minus Row 17	2,082,958
Prior year LIFO reserve	19	Layer history Report 16	1,145,263
Current year LIFO expense(income)	20	Row 18 minus Row 19	937,695
Detail of decrements calculation:			
Decrease at base by year:	23		
	24	Report 16a	-634,235 22
Cumulative inflator indexes for decrements:	25		
	26	Report 16a	.924173 22
Decrease at LIFO cost by year:	27		
	28	Report 16a	-586,143 22
Proof of current year LIFO expense(income):			
Current year inflation(deflation)	30	Row 8 minus one as a percentage	3.53%
Prior year current-year cost	31	Layer history Report 16	27,120,412
C/Y expense(income) due to inflation	32	Row 30 times Row 31	958,408
C/Y cum. def. index minus avg. index of layers eroded	33	Row 10 - Row 26	.032659
Expense(income) due to layer erosions	34	Row 13 * Row 33	-20,714
Total current year LIFO expense(income)	35	Row 32 plus Row 34(ties to Row 20)	937,695

Sample Metal Products

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LIFO CALCULATION HISTORY FOR 12/31/1987 BASE YEAR THROUGH 12/31/2023 REPORT 16

Pool: 1 All inventories

Data path:Y:\LIFOPRO1\SAMPLE REPORTS\SAMPLE METAL PRODUCTS EXTERNAL INDEX\LPSW Data Files\

PERIOD	CUR. YR.	CUMLTV.	INVENTORY	INC(DEC)	CUMLTV.	PRICED INC(DEC)	LIFO	LIFO	LIFO	LAYER	LAYER AT	
	CURRENT YEAR COST	DEFLATOR INDEX	DEFLATOR INDEX	AT BASE PRICES	AT BASE PRICES		INFLATOR INDEX	INVENTORY	RESERVE	EXPENSE	AT BASE	COST
12/31/1987	435,777		.502905	866,520	866,520	.502905	435,777	435,777	0	0	866,520	435,777
12/31/1993	1,240,854	1.315601	.661622	1,875,472	1,008,952	.661622	667,545	1,103,322	137,532	137,532	1,008,952	667,545
12/31/1994	1,443,328	1.007144	.666349	2,166,024	290,552	.666349	193,609	1,296,931	146,397	8,865	290,552	193,609
12/31/2002	1,678,521	.947848	.631598	2,657,579	491,555	.631598	310,465	1,607,396	71,125	-75,272	491,555	310,465
12/31/2003	1,885,819	1.001564	.632585	2,981,129	323,550	.632585	204,673	1,812,069	73,750	2,625	323,550	204,673
12/31/2004	4,385,047	1.231215	.778849	5,630,164	2,649,035	.778849	2,063,198	3,875,267	509,780	436,030	2,649,035	2,063,198
12/31/2007	5,171,659	1.020147	.794540	6,508,997	878,833	.794540	698,268	4,573,535	598,124	88,344	878,833	698,268
12/31/2009	5,838,105	1.056458	.839398	6,955,107	446,110	.839398	374,464	4,947,999	890,106	291,983	446,110	374,464
12/31/2010	6,265,454	1.030977	.865400	7,239,951	284,844	.865400	246,504	5,194,503	1,070,951	180,844	284,844	246,504
12/31/2011	9,837,531	1.019815	.882548	11,146,738	3,906,787	.882548	3,447,927	8,642,430	1,195,101	124,151	3,906,787	3,447,927
12/31/2012	10,830,117	1.012024	.893159	12,125,626	978,888	.893159	874,303	9,516,733	1,313,384	118,282	978,888	874,303
12/31/2014	12,659,731	1.085191	.969249	13,061,387	935,761	.969249	906,985	10,423,718	2,236,013	922,629	935,761	906,985
12/31/2015	13,763,795	.965340	.935654	14,710,341	1,648,954	.935654	1,542,851	11,966,569	1,797,226	-438,787	1,648,954	1,542,851
12/31/2017	17,369,733	1.042569	.975485	17,806,262	3,095,921	.975485	3,020,023	14,986,592	2,383,141	585,915	3,095,921	3,020,023
12/31/2021	22,461,552	1.015745	.990844	22,669,114	4,862,852	.990844	4,818,327	19,804,919	2,656,633	273,492	4,862,852	4,818,327
12/31/2022	27,120,412	.932713	.924173	29,345,602	6,676,488	.924173	6,170,230	25,975,149	1,145,263	-1,511,370	6,042,253	5,584,087
12/31/2023	27,471,964	1.035339	.956832	28,711,367	-634,235	.924173	-586,143	25,389,006	2,082,958	937,695	0	0
					28,711,367	.884284	25,389,006			2,082,958	28,711,367	25,389,006

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LIFO LAYER HISTORY PROOF REPORT 16a

DECREMENT & LAYERS REMAINING AS OF 12/31/2023 CALCULATION DETAIL

Pool: 1 All inventories

																	Increase (Decrease)
LAYERS AT BASE:	12/31/1987	12/31/1993	12/31/1994	12/31/2002	12/31/2003	12/31/2004	12/31/2007	12/31/2009	12/31/2010	12/31/2011	12/31/2012	12/31/2014	12/31/2015	12/31/2017	12/31/2021	12/31/2022	At Base
12/31/1987	866,520																866,520
12/31/1993		1,008,952															1,008,952
12/31/1994			290,552														290,552
12/31/2002				491,555													491,555
12/31/2003					323,550												323,550
12/31/2004						2,649,035											2,649,035
12/31/2007							878,833										878,833
12/31/2009								446,110									446,110
12/31/2010									284,844								284,844
12/31/2011										3,906,787							3,906,787
12/31/2012											978,888						978,888
12/31/2014												935,761					935,761
12/31/2015													1,648,954				1,648,954
12/31/2017														3,095,921			3,095,921
12/31/2021															4,862,852		4,862,852
12/31/2022																6,676,488	6,676,488
12/31/2023																	-634,235
Layer remaining	866,520	1,008,952	290,552	491,555	323,550	2,649,035	878,833	446,110	284,844	3,906,787	978,888	935,761	1,648,954	3,095,921	4,862,852	6,042,253	28,711,367
																	Inc(Dec)
Cum. inflator index	.502905	.661622	.666349	.631598	.632585	.778849	.794540	.839398	.865400	.882548	.893159	.969249	.935654	.975485	.990844	.924173	in LIFO
LIFO LAYERS AT COST:																	Inventory
12/31/1987	435,777																435,777
12/31/1993		667,545															667,545
12/31/1994			193,609														193,609
12/31/2002				310,465													310,465
12/31/2003					204,673												204,673
12/31/2004						2,063,198											2,063,198
12/31/2007							698,268										698,268
12/31/2009								374,464									374,464
12/31/2010									246,504								246,504
12/31/2011										3,447,927							3,447,927
12/31/2012											874,303						874,303
12/31/2014												906,985					906,985
12/31/2015													1,542,851				1,542,851
12/31/2017														3,020,023			3,020,023
12/31/2021															4,818,327		4,818,327
12/31/2022																6,170,230	6,170,230
12/31/2023																	-586,143
Layer remaining	435,777	667,545	193,609	310,465	204,673	2,063,198	698,268	374,464	246,504	3,447,927	874,303	906,985	1,542,851	3,020,023	4,818,327	5,584,087	25,389,006

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LIFO INVENTORY HISTORY DETAIL REPORT 17

Pool: 1 All inventories

	12/31/1987	12/31/1993	12/31/1994	12/31/2002	12/31/2003	12/31/2004	12/31/2007	12/31/2009	12/31/2010	12/31/2011	12/31/2012	12/31/2014	12/31/2015	12/31/2017	12/31/2021	12/31/2022	12/31/2023
Current-year cost	435,777	1,240,854	1,443,328	1,678,521	1,885,819	4,385,047	5,171,659	5,838,105	6,265,454	9,837,531	10,830,117	12,659,731	13,763,795	17,369,733	22,461,552	27,120,412	27,471,964
Current yr. index	.502905	1.315601	1.007144	.947848	1.001564	1.231215	1.020147	1.056458	1.030977	1.019815	1.012024	1.085191	.965340	1.042569	1.015745	.932713	1.035339
Cumulative index	.502905	.661622	.666349	.631598	.632585	.778849	.794540	.839398	.865400	.882548	.893159	.969249	.935654	.975485	.990844	.924173	.956832
Inventory at base	866,520	1,875,472	2,166,024	2,657,579	2,981,129	5,630,164	6,508,997	6,955,107	7,239,951	11,146,738	12,125,626	13,061,387	14,710,341	17,806,262	22,669,114	29,345,602	28,711,367
Change at base	866,520	1,008,952	290,552	491,555	323,550	2,649,035	878,833	446,110	284,844	3,906,787	978,888	935,761	1,648,954	3,095,921	4,862,852	6,676,488	-634,235
Cum. inflator index	.502905	.661622	.666349	.631598	.632585	.778849	.794540	.839398	.865400	.882548	.893159	.969249	.935654	.975485	.990844	.924173	.956832
Change at LIFO cost	435,777	667,545	193,609	310,465	204,673	2,063,198	698,268	374,464	246,504	3,447,927	874,303	906,985	1,542,851	3,020,023	4,818,327	6,170,230	-586,143
LAYERS AT BASE:																	
12/31/1987	866,520	866,520	866,520	866,520	866,520	866,520	866,520	866,520	866,520	866,520	866,520	866,520	866,520	866,520	866,520	866,520	866,520
12/31/1993		1,008,952	1,008,952	1,008,952	1,008,952	1,008,952	1,008,952	1,008,952	1,008,952	1,008,952	1,008,952	1,008,952	1,008,952	1,008,952	1,008,952	1,008,952	1,008,952
12/31/1994			290,552	290,552	290,552	290,552	290,552	290,552	290,552	290,552	290,552	290,552	290,552	290,552	290,552	290,552	290,552
12/31/2002				491,555	491,555	491,555	491,555	491,555	491,555	491,555	491,555	491,555	491,555	491,555	491,555	491,555	491,555
12/31/2003					323,550	323,550	323,550	323,550	323,550	323,550	323,550	323,550	323,550	323,550	323,550	323,550	323,550
12/31/2004						2,649,035	2,649,035	2,649,035	2,649,035	2,649,035	2,649,035	2,649,035	2,649,035	2,649,035	2,649,035	2,649,035	2,649,035
12/31/2007							878,833	878,833	878,833	878,833	878,833	878,833	878,833	878,833	878,833	878,833	878,833
12/31/2009								446,110	446,110	446,110	446,110	446,110	446,110	446,110	446,110	446,110	446,110
12/31/2010									284,844	284,844	284,844	284,844	284,844	284,844	284,844	284,844	284,844
12/31/2011										3,906,787	3,906,787	3,906,787	3,906,787	3,906,787	3,906,787	3,906,787	3,906,787
12/31/2012											978,888	978,888	978,888	978,888	978,888	978,888	978,888
12/31/2014												935,761	935,761	935,761	935,761	935,761	935,761
12/31/2015													1,648,954	1,648,954	1,648,954	1,648,954	1,648,954
12/31/2017														3,095,921	3,095,921	3,095,921	3,095,921
12/31/2021															4,862,852	4,862,852	4,862,852
12/31/2022																6,676,488	6,042,253
12/31/2023																	0
Totals	866,520	1,875,472	2,166,024	2,657,579	2,981,129	5,630,164	6,508,997	6,955,107	7,239,951	11,146,738	12,125,626	13,061,387	14,710,341	17,806,262	22,669,114	29,345,602	28,711,367
LIFO LAYERS AT COST:																	
12/31/1987	435,777	435,777	435,777	435,777	435,777	435,777	435,777	435,777	435,777	435,777	435,777	435,777	435,777	435,777	435,777	435,777	435,777
12/31/1993		667,545	667,545	667,545	667,545	667,545	667,545	667,545	667,545	667,545	667,545	667,545	667,545	667,545	667,545	667,545	667,545
12/31/1994			193,609	193,609	193,609	193,609	193,609	193,609	193,609	193,609	193,609	193,609	193,609	193,609	193,609	193,609	193,609
12/31/2002				310,465	310,465	310,465	310,465	310,465	310,465	310,465	310,465	310,465	310,465	310,465	310,465	310,465	310,465
12/31/2003					204,673	204,673	204,673	204,673	204,673	204,673	204,673	204,673	204,673	204,673	204,673	204,673	204,673
12/31/2004						2,063,198	2,063,198	2,063,198	2,063,198	2,063,198	2,063,198	2,063,198	2,063,198	2,063,198	2,063,198	2,063,198	2,063,198
12/31/2007							698,268	698,268	698,268	698,268	698,268	698,268	698,268	698,268	698,268	698,268	698,268
12/31/2009								374,464	374,464	374,464	374,464	374,464	374,464	374,464	374,464	374,464	374,464
12/31/2010									246,504	246,504	246,504	246,504	246,504	246,504	246,504	246,504	246,504
12/31/2011										3,447,927	3,447,927	3,447,927	3,447,927	3,447,927	3,447,927	3,447,927	3,447,927
12/31/2012											874,303	874,303	874,303	874,303	874,303	874,303	874,303
12/31/2014												906,985	906,985	906,985	906,985	906,985	906,985
12/31/2015													1,542,851	1,542,851	1,542,851	1,542,851	1,542,851
12/31/2017														3,020,023	3,020,023	3,020,023	3,020,023
12/31/2021															4,818,327	4,818,327	4,818,327
12/31/2022																6,170,230	5,584,087
12/31/2023																	0
Totals	435,777	1,103,322	1,296,931	1,607,396	1,812,069	3,875,267	4,573,535	4,947,999	5,194,503	8,642,430	9,516,733	10,423,718	11,966,569	14,986,592	19,804,919	25,975,149	25,389,006
LIFO RESERVE	0	137,532	146,397	71,125	73,750	509,780	598,124	890,106	1,070,951	1,195,101	1,313,384	2,236,013	1,797,226	2,383,141	2,656,633	1,145,263	2,082,958
LIFO EXPENSE	0	137,532	8,865	-75,272	2,625	436,030	88,344	291,983	180,844	124,151	118,282	922,629	-438,787	585,915	273,492	-1,511,370	937,695

BREAKDOWN OF LIFO EXPENSE COMPONENTS REPORT 19

ALL POOLS

YEAR	INFLATION EFFECT	LAYER EROSION EFFECT	TOTAL LIFO EXPENSE
12/31/1987	0	0	0
12/31/1993	137,532	0	137,532
12/31/1994	8,865	0	8,865
12/31/2002	-75,272	0	-75,272
12/31/2003	2,625	0	2,625
12/31/2004	436,030	0	436,030
12/31/2007	88,344	0	88,344
12/31/2009	291,983	0	291,983
12/31/2010	180,844	0	180,844
12/31/2011	124,151	0	124,151
12/31/2012	118,282	0	118,282
12/31/2014	922,629	0	922,629
12/31/2015	-438,787	0	-438,787
12/31/2017	585,915	0	585,915
12/31/2021	273,492	0	273,492
12/31/2022	-1,511,370	0	-1,511,370
12/31/2023	958,408	-20,714	937,695
	2,103,672	-20,714	2,082,958

Sample Metal Products				8/16/2024 3:02:24 PM				
SUMMARY OF IPIC LIFO INDEX CALCULATIONS BY POOL SUMMARY REPORT 23S								
FOR PERIOD ENDED Dec, 2023								
-----POOL-----								
NO.	NAME	CURRENT YEAR COST	Cumulative Index 12/31/2022	Cumulative Index 12/31/2023	Current Year Index 12/31/2023	LIFO EXPENSE	LIFO INVENTORY	LIFO RESERVE
1	All inventories	27,471,964	.924173	.956832	1.035339	937,695	25,389,006	2,082,958
Inflation rates are Nov 2023 PPI Prelim indexes divided by Nov 2022 Prelim indexes as shown on Report 24								
There were missing indexes for one category. Indexes used were those for the next less detailed category.								
Optional IPIC Methods used:								
10% Method used(BLS Weights used)?: 10% Method not used								
U.S. Bureau of Labor Statistics inflation indexes source: PPI Detailed Reports Table 9								

Sample Metal Products		8/16/2024 3:02:24 PM			
DETAIL OF IPIC LIFO INDEX CALCULATIONS BY POOL REPORT 23					
FOR PERIOD ENDED Dec, 2023					
				CATEGORY	HARMONIC
-----PPI CATEGORY-----	CATEGORY	YEAR-END	% OF	INDEX	DOLLARS
----- NAME -----	NUMBER	INVENTORY	POOL	FROM	WEIGHTED
		BALANCE	INV.	REPORT 24	QUOTIENT
POOL NUMBER:1 All inventories					
----Special purpose coatings, incl. marine, industrial & construction coatings	06210301				
----Automotive, other transportation and machinery refinish paints and enamels, including	062103011	12,798	0.05%	.947871	13,501 ><
--Unsupported plastic film, sheet and other shapes	0722	31,137	0.11%	.931201	33,437
-----Transportation fabricated plastic parts (excluding foam and reinforced plastics)	072601052	9,658	0.04%	.964431	10,015
--Pressure-sensitive products	0916^	100,087	0.36%	.992221	100,872
----Cold rolled steel sheet and strip	10170710	9,791,938	35.64%	1.013786	9,658,783
----Hex bolts, including heavy, tap-and-joint	10810206	30,083	0.11%	1.083508	27,765
----Other externally threaded metal fasteners, including studs, except aircraft types	10810263	2,022	0.01%	1.000361	2,021
---Internally threaded fasteners, except aircraft types	108103^	29,788	0.11%	1.038773	28,676
---Nonthreaded metal fasteners, except aircraft types	108104^	31,707	0.12%	1.009185	31,418
-----Other fabricated ferrous wire products, n.e.c.	10880996	11,658	0.04%	.905931	12,868
----Automotive job stampings	10890507	17,333,073	63.09%	1.048583	16,529,994
---Nonmetallic abrasive products (including diamond abrasives)	113603^	34,782	0.13%	1.019767	34,108
---Mineral wool for industrial, equipment, and appliance insulation	139202^	52,007	0.19%	1.048054	49,623
-----Molded packing and sealing devices	13980212	1,225	0.00%	1.039752	1,178
Pool 1 Totals/Weighted average pool index		27,471,964	100.00%	1.035339	26,534,259
				Pool index \	
GRAND TOTAL INVENTORY DOLLARS		27,471,964			
Inflation rates are NOV 2023 PPI Prelim indexes divided by NOV 2022 Prelim indexes as shown on Report 24.					
>< No index published for this category. Indexes(this year & last) for the next less detailed category containing this category were used.					
^This category subsumes a more detailed PPI category but it is not listed because there is a single such category and					
the inflation rate is identical to this category's and no \$s were assigned to it.					
Company data folder= Y:\LIFOPRO\BDO\BIG RAPIDS PRODUCTS\LPDataFiles\Tax\					
LIFO-PRO software version used: 7.2.0 Version Date 5/15/2024. Program file path= C:\LIFOPRO					
BLS folder= C:\LIFOPRO\bls\					

DETAIL OF IPIC LIFO INFLATION INDEXES REPORT 24

FOR PERIOD ENDED Dec, 2023

-----PPI CATEGORY----- ----- NAME -----	CATEGORY NUMBER	Prelim Prelim -----BLS INDEXES-----		CUR YEAR INFLATION INDEX To Report 23
		NOV 2023	NOV 2022	
POOL NUMBER:1 All inventories				
----Special purpose coatings, incl. marine, industrial & construction coatings	06210301	524.313	553.148	.947871
----Automotive, other transportation and machinery refinish paints and enamels, including	062103011	524.313	553.148	.947871
--Unsupported plastic film, sheet and other shapes	0722	270.785	290.791	.931201
----Transportation fabricated plastic parts (excluding foam and reinforced plastics)	072601052	129.199	133.964	.964431
--Pressure-sensitive products	0916^	245.657	247.583	.992221
----Cold rolled steel sheet and strip	10170710	361.070	356.160	1.013786
----Hex bolts, including heavy, tap-and-joint	10810206	214.306	197.789	1.083508
----Other externally threaded metal fasteners, including studs, except aircraft types	10810263	188.686	188.618	1.000361
---Internally threaded fasteners, except aircraft types	108103^	154.396	148.633	1.038773
---Nonthreaded metal fasteners, except aircraft types	108104^	273.144	270.658	1.009185
----Other fabricated ferrous wire products, n.e.c.	10880996	157.295	173.628	.905931
----Automotive job stampings	10890507	130.773	124.714	1.048583
---Nonmetallic abrasive products (including diamond abrasives)	113603^	256.759	251.782	1.019767
---Mineral wool for industrial, equipment, and appliance insulation	139202^	235.132	224.351	1.048054
----Molded packing and sealing devices	13980212	198.133	190.558	1.039752

Inflation rates are NOV 2023 PPI Prelim indexes divided by NOV 2022 Prelim indexes as shown on Report 24.

The PPI Table 9 indexes are used here are the preliminary indexes published in the PPI Detailed Report for the month of the PPI appropriate month selected.

The NOVEMBER 2023 (current year appropriate month) PPI preliminary indexes in this report are published in the NOVEMBER 2023 PPI Detailed Report.

The NOVEMBER 2022 (prior year appropriate month) PPI preliminary indexes in this report are published in the NOVEMBER 2022 PPI Detailed Report.

This is the URL for the page on the BLS website with links to PPI Detailed Report PDF files for each different month: <https://www.bls.gov/ppi/detailed-report/>

Starting in October 2022, there are now 4 different versions of preliminary PPI indexes published by the BLS. The first of these 4 different versions of the preliminary indexes are those used in the LIFO-PRO program. The 2nd, 3rd and 4th versions of the preliminary indexes are published in the PPI Detailed Report for the months following the first month that the preliminary indexes are published.

No index published for categories above with PPI Code in parenthesis in rightmost column. Indexes(this year & last) for the next less detailed category(indicated in parenthesis) containing this category were used. The letter T in the rightmost column indicates this year's index was missing and the letter P indicates the prior year's index was missing.

^This category subsumes a more detailed PPI category but it is not listed because there is a single such category and the inflation rate is identical to this category's and no \$s were assigned to it.

Sample Metal Products															12/3/2024 3:58:05 PM														
LIFO PROJECTION REPORT FOR RANGE OF CURRENT-YEAR COST INVENTORY VALUES & INDEXES															REPORT 1 - Pool 1 All inventories														
PROJECTION FOR:12/31/2024															For Pool 1 All inventories														
CURRENT-YEAR -----LIFO EXPENSE (INCOME) USING INDEXES ON FOLLOWING ROW-----																													
COST VALUES	.94	.95	.96	.97	.98	.99	1.00	1.01	1.02	1.03	1.04	1.05	1.06	1.07	1.08														
10,000,000	-700,243	-596,955	-495,818	-396,767	-299,737	-204,668	-111,500	-20,176	69,356	157,150	243,256	327,722	410,593	491,916	571,733														
11,000,000	-700,924	-577,994	-465,406	-355,140	-247,124	-141,290	-37,573	64,090	163,760	261,495	356,367	449,279	540,438	629,894	717,692														
12,000,000	-769,135	-637,731	-509,064	-378,612	-250,738	-125,447	-2,662	117,692	235,685	351,388	459,798	562,375	663,017	761,778	858,710														
13,000,000	-809,419	-667,064	-527,675	-391,161	-257,432	-126,404	2,002	127,866	251,262	372,263	490,936	611,442	729,759	845,865	959,820														
14,000,000	-883,765	-723,934	-567,433	-414,159	-264,012	-116,899	24,136	159,682	292,570	422,877	550,679	676,047	799,049	919,752	1,038,220														
15,000,000	-968,333	-797,086	-629,406	-465,183	-304,312	-146,691	7,778	159,188	307,629	453,188	595,947	735,988	873,386	1,005,858	1,132,788														
16,000,000	-1,052,901	-870,237	-691,378	-516,208	-344,612	-176,483	-11,716	149,788	308,125	463,388	615,665	765,041	911,599	1,055,418	1,196,573														
17,000,000	-1,154,283	-957,147	-764,118	-575,068	-389,877	-208,427	-31,210	140,388	308,622	473,588	635,382	794,095	949,813	1,102,620	1,252,597														
18,000,000	-1,255,928	-1,047,195	-842,811	-642,641	-446,557	-254,433	-66,152	118,401	299,335	476,756	650,765	821,459	988,026	1,149,822	1,308,622														
19,000,000	-1,357,573	-1,137,244	-921,505	-710,215	-503,236	-300,439	-101,698	93,108	284,094	471,371	655,047	835,225	1,012,002	1,185,476	1,355,737														
20,000,000	-1,459,217	-1,227,292	-1,000,199	-777,788	-559,916	-346,445	-137,244	67,815	268,853	465,987	659,330	848,990	1,035,072	1,217,676	1,396,898														
21,000,000	-1,515,579	-1,288,443	-1,066,040	-845,361	-616,595	-392,451	-172,790	42,522	253,611	460,602	663,613	862,756	1,058,142	1,249,876	1,438,059														
22,000,000	-1,543,097	-1,305,146	-1,072,151	-843,961	-620,428	-401,410	-186,773	23,614	238,370	455,218	667,895	876,522	1,081,212	1,282,076	1,479,221														
23,000,000	-1,570,616	-1,321,848	-1,078,263	-839,701	-606,007	-377,034	-152,640	67,310	282,947	494,397	701,781	905,214	1,104,809	1,314,276	1,520,382														
24,000,000	-1,598,134	-1,338,550	-1,084,375	-835,440	-591,585	-352,657	-118,508	111,005	336,018	556,662	773,062	985,341	1,193,614	1,397,994	1,598,590														
25,000,000	-1,625,652	-1,355,253	-1,090,487	-831,179	-577,164	-328,281	-84,375	154,701	389,089	618,927	844,344	1,065,467	1,282,418	1,495,315	1,704,268														
26,000,000	-1,648,318	-1,371,955	-1,096,598	-826,919	-562,743	-303,904	-50,242	198,397	442,161	681,191	915,625	1,145,594	1,371,223	1,592,635	1,809,947														
27,000,000	-1,648,318	-1,373,598	-1,098,879	-824,159	-549,439	-279,528	-16,109	242,093	495,232	743,456	986,907	1,225,720	1,460,027	1,689,955	1,915,625														
28,000,000	-1,648,318	-1,373,598	-1,098,879	-824,159	-549,439	-274,720	0	274,720	548,303	805,721	1,058,188	1,305,846	1,548,832	1,787,276	2,021,304														
29,000,000	-1,648,318	-1,373,598	-1,098,879	-824,159	-549,439	-274,720	0	274,720	549,439	824,159	1,098,879	1,373,598	1,637,636	1,884,596	2,126,982														
30,000,000	-1,648,318	-1,373,598	-1,098,879	-824,159	-549,439	-274,720	0	274,720	549,439	824,159	1,098,879	1,373,598	1,648,318	1,923,037	2,197,757														
31,000,000	-1,648,318	-1,373,598	-1,098,879	-824,159	-549,439	-274,720	0	274,720	549,439	824,159	1,098,879	1,373,598	1,648,318	1,923,037	2,197,757														
32,000,000	-1,648,318	-1,373,598	-1,098,879	-824,159	-549,439	-274,720	0	274,720	549,439	824,159	1,098,879	1,373,598	1,648,318	1,923,037	2,197,757														
33,000,000	-1,648,318	-1,373,598	-1,098,879	-824,159	-549,439	-274,720	0	274,720	549,439	824,159	1,098,879	1,373,598	1,648,318	1,923,037	2,197,757														
34,000,000	-1,648,318	-1,373,598	-1,098,879	-824,159	-549,439	-274,720	0	274,720	549,439	824,159	1,098,879	1,373,598	1,648,318	1,923,037	2,197,757														
Actual CURRENT-YEAR COST balance at 12/31/2023 year end: 27,471,964																													
Actual current year LIFO index for 12/31/2023 year end: 1.035																													
Actual LIFO reserve balance at 12/31/2023 year end: 2,082,958																													
12/31/2024 Minimum current-year cost balance required to avoid LIFO layer erosions:																													
	25,823,646	26,098,366	26,373,085	26,647,805	26,922,525	27,197,244	27,471,964	27,746,684	28,021,403	28,296,123	28,570,842	28,845,562	29,120,282	29,395,001	29,669,721														

Sample Metal Products Co. LIFO Calculation Current Year Cost Schedule

GL Acct #	GL Acct Description	12/31/23 Balance	12/31/22 Balance
1230	INVENTORY-RAW	\$ 11,585,232	
1250	INVENTORY - WIP	5,380,993	
1260	INVENTORY - FG-BRP	10,868,252	
1270	INVENTORY-LOWER OF COST/MARKET	-	
1280	INVENTORY - TOOLING	4,792,163	
Subtotals		\$ 32,626,640	\$ 34,488,625
Adjusting Items			
	Less: Tooling, packaging & supplies	(4,792,163)	(5,647,797)
	Other adjustments	(362,512)	-
Current-year Cost for LIFO Calculation		\$ 27,471,964	\$ 27,120,412