

RARP ENGINEERING & RECYCLING (OPC) PRIVATE LIMITED**LIST OF PRODUCTS MANUFACTURED/ EXPORTED**

SR. NO.	NAME OF COMPOUNDS	FORMULA	CHAPTER HEADING NO.	CAS NO.	% METAL CONTENT
---------	-------------------	---------	---------------------	---------	-----------------

I	GOLD				
1	GOLD (III) CHLORIDE / TRIHYDRATE	$\text{AuCl}_3 \cdot 3\text{H}_2\text{O}$	2843.30.00	16961-25-4	48% - 49%
2	GOLD POTASSIUM CYANIDE / POTASSIUM DI-CYANO-AURATE (I)	$\text{K}[\text{Au}(\text{CN})_2]$	2843.30.00	13967-50-5	68.1%
3	POTASSIUM TETRA-CHLORO-AURATE (III)	$\text{K}[\text{AuCl}_4]$	2843.30.00	13682-61-6	52%
4	SODIUM TETRACHLORO AURATE(III)	$\text{Na}[\text{AuCl}_4]$	2843.30.00	15189-52-5	54.4%
5	POTASSIUM TETRACYANO AURATE(III)	$\text{K}[\text{Au}(\text{CN})_4]$	2843.30.00	14263-59-3	57%
6	CHLORO –AURIC ACID	HAuCl_4	2843.30.00	16903-35-8	48% - 49%

II	SILVER				
1	SILVER NITRATE AR	AgNO_3	2843.21.00	7761-88-8	63.5%
2	SILVER ACETATE	$\text{AgC}_2\text{H}_3\text{O}_2$	2843.29.00	563-63-3	64%
3	SILVER BROMIDE	AgBr	2843.29.00	7785-23-1	57.45%
4	SILVER CARBONATE	Ag_2CO_3	2843.29.00	534-16-7	78.24%
5	SILVER CHLORIDE	AgCl	2843.29.00	7783-90-6	75.27%
6	SILVER CYANIDE	AgCN	2843.29.00	506-64-9	80.57%
7	SILVER IODATE	AgIO_3	2843.29.00	7783-97-3	38%
8	SILVER IODIDE	AgI	2843.29.00	7783-96-2	45.95%
9	SILVER OXALATE	$\text{Ag}_2\text{C}_2\text{O}_4$	2843.29.00	533-51-7	71.02%
10	SILVER OXIDE	Ag_2O	2843.29.00	20667-12-3	93.10%
11	SILVER PEROXIDE	Ag_2O_2	2843.29.00	1301-96-8	87.08%
12	SILVER PHOSPHATE	Ag_3PO_4	2843.29.00	7784-09-0	77%
13	SILVER POTASSIUM CYANIDE	$\text{K}[\text{Ag}(\text{CN})_2]$	2843.29.00	506-61-6	54.2%
14	SILVER SULPHATE	Ag_2SO_4	2843.29.00	10294-26-5	69%
15	SILVER SULPHIDE	Ag_2S	2843.29.00	21548-73-2	77%
16	SILVER(I) FLUORIDE	AgF	2843.29.00	7775-41-9	85%

III	PLATINUM				
1	POTASSIUM HEXACHLOROPLATINATE	$K_2[PtCl_6]$	2843.90.19	16921-30-5	40.05%
2	POTASSIUM TETRACHLOROPLATINATE [II]	$K_2[PtCl_4]$	2843.90.19	10025-99-7	46.95%
3	AMMONIUM HEXACHLOROPLATINATE(IV)	$(NH_4)_2[PtCl_6]$	2843.90.19	16919-58-7	43.95%
4	CHLOROPLATINIC ACID / DIHYDROGEN HEXACHLOROPLATINATE / HYDROGEN HEXACHLOROPLATINATE (IV)	$H_2[PtCl_6]$	2843.90.19	16941-12-1	42%
5	PLATINUM (II)BLACK	Pt	7110.11.20	7440-06-4	98%
6	PLATINUM (IV)CHLORIDE	$PtCl_4$	2843.90.19	13454-96-1	57.9%
7	PLATINUM (II)CHLORIDE	$PtCl_2$	2843.90.19	10025-65-7	74%
8	PLATINUM(IV) OXIDE HYDRATE	$PtO_2 \cdot H_2O$	2843.90.19	52785-06-5	79.59%
9	PLATINUM OXIDE	PtO_2	2843.90.19	1314-15-4	85.91%
10	PLATINUM NITRATE SOLUTION	$Pt(NO_3)_4$ (aq)	2843.90.19	20634-12-2	(10% - 20%)
	CATALYSTS				
11	PLATINUM ON CARBON (1% – 20%)	Pt/C	3815.12.10	7440-06-4	(1% – 20%)

IV	PALLADIUM				
1	TRANS-DI-NITRITO- DI-AMINE- PALLADIUM (II)	trans- $[Pd(NH_3)_2(NO_2)_2]$	2843.90.19	14323-43-4	50%
2	PALLADIUM (II) CHLORIDE	$PdCl_2$	2843.90.19	7647-10-1	60%
3	PALLADIUM (II) NITRATE HYDRATE	$Pd(NO_3)_2 \cdot xH_2O$	2843.90.19	207596-32-5	46%
4	PALLADIUM (II) SULPHATE HYDRATE	$PdSO_4 \cdot xH_2O$	2843.90.19	13566-03-5	44.54%
5	POTASSIUM HEXA- CHLORO- PALLADATE (IV)	$K_2[PdCl_6]$	2843.90.19	16919-73-6	26.75%
6	POTASSIUM TETRA- CHLORO- PALLADATE (II)	$K_2[PdCl_4]$	2843.90.19	10025-98-6	32.60%

7	PALLADIUM DIAMINE DICHLORIDE	$[\text{Pd}(\text{NH}_3)_2\text{Cl}_2]$	2843.90.19	13782-33-7	50.34%
8	TETRA AMMINEPALLADIUM(II) CHLORIDE	$[\text{Pd}(\text{NH}_3)_4]\text{Cl}_2$	2843.90.19	13933-31-8	43.35%
9	PALLADIUM(II) SULFATE SOLUTION	PdSO_4 (aq)	2843.90.12	13566-03-5	(10% - 20%)
10	PALLADIUM(II) OXIDE HYDRATE	$\text{PdO} \cdot x\text{H}_2\text{O}$	2843.90.19	64109-12-2	75.78%
11	PALLADIUM(II) CHLORIDE SOLUTION	PdCl_2 (aq)	2843.90.12	7647-10-1	(5% - 25%)
12	PALLADIUM BLACK	Pd	7110.21.00	7440-05-3	99.9%
13	PALLADIUM OXIDE	PdO	2843.90.19	1314-08-5	86.93%
14	PALLADIUM(II) ACETATE	$\text{Pd}(\text{OAc})_2$	2843.90.19	3375-31-3	47.34%.
CATALYSTS					
16	PALLADIUM ON CARBON (1% – 20%)	Pd/C	3815.12.00	7440-05-3	(1% – 20%)
17	PALLADIUM ON CALCIUM CARBONATE (1% – 20%)/ LINDLAR CATALYST	Pd/CaCO_3	3815.19.00	7440-05-3	(1% – 20%)
18	PALLADIUM ON BARIUM SULPHATE (1% – 20%)	Pd/BaSO_4	3815.19.00	7440-05-3	(1% – 20%)
19	PALLADIUM HYDROXIDE ON CARBON (1% – 20%)	$\text{Pd}(\text{OH})_2/\text{C}$	3815.12.10	12135-22-7	(1% – 20%)
20	PALLADIUM ON BARIUM CARBONATE	Pd/BaCO_3	3815.19.00	7440-05-3	(1% – 10%)

V	RUTHENIUM				
1	RUTHENIUM DI-OXIDE ANHYDROUS / RUTHENIUM OXIDE	RuO_2	2843.90.19	12036-10-1	75.95%
2	RUTHENIUM DI-OXIDE HYDRATE	$\text{RuO}_2 \cdot \text{H}_2\text{O}$	2843.90.19	32740-79-7	66.89%
3	RUTHENIUM (III) TRI-CHLORIDE HYDRATE	$\text{RuCl}_3 \cdot x\text{H}_2\text{O}$	2843.90.19	14898-67-0	38.43%
4	RUTHENIUM TRICHLORIDE ANHYDROUS	RuCl_3	2843.90.19	10049-08-8	48.7%

5	RUTHENIUM ACETOACETATE	$\text{Ru}(\text{C}_5\text{H}_7\text{O}_2)_3$	2843.90.19	14284-93-6	25.4%
6	RUTHENIUM (III) CHLORIDE SOLUTION	RuCl_3 (aq)	2843.90.12	10049-08-8	(18.5% - 21.5%)
CATALYST					
7	RUTHENIUM ON CARBON (1% – 10%)	Ru/C	3815.12.10	7440-18-8	(1% – 10%)

VI	RHODIUM				
1	RHODIUM (III) TRI-CHLORIDE ANHYDROUS	RhCl_3	2843.90.19	10049-07-7	49.18%
2	RHODIUM (III) TRI-CHLORIDE HYDRATE	$\text{RhCl}_3 \cdot x\text{H}_2\text{O}$	2843.90.19	20765-98-4	39.08%
3	RHODIUM SULPHATE SOLUTION (2%, 5%,10%)	$\text{Rh}_2(\text{SO}_4)_3$ (aq)	2843.90.12	10489-46-0	(2%, 5%,10%)
4	RHODIUM(III) CHLORIDE TRIHYDRATE	$\text{RhCl}_3 \cdot 3\text{H}_2\text{O}$	2843.90.19	13569-65-8	39.43%
5	RHODIUM(III) IODIDE	RhI_3	2843.90.19	15492-38-3	21.28%
6	RHODIUM(III) CHLORIDE SOLUTION	RhCl_3 (aq)	2843.90.12	10049-07-7	(10% - 30%)
7	RHODIUM PHOSPHATE PLATING SOLUTION	RhPO_4	2843.90.12	67859-71-6	20%
CATALYSTS					
8	RHODIUM ON CARBON (1% - 10%)	Rh/C	3815.12.10	7440-16-6	(1% - 10%)

VII	PLATINUM LAB WARES-OTHERS		
1	PLATINUM CRUCIBLE	7115.90.10	7440-06-4
2	PLATINUM DISH	7115.90.10	7440-06-4
3	PLATINUM TIPPED SS TONG	7115.90.90	7440-06-4

VIII	PLATINUM/RHODIUM R, S, B Type THERMOCOUPLE WIRES		
1	PLATINUM/RHODIUM 10% WIRE (S TYPE)	7110.19.00	11115-92-7
2	PLATINUM/RHODIUM 13% WIRE (R TYPE)	7110.19.00	11115-92-7
3	PLATINUM-RHODIUM 6% / PLATINUM- RHODIUM 30%WIRE (B TYPE)	7110.19.00	11115-92-7

LIST OF PRODUCTS MANUFACTURE/ EXPORT / JOB WORK/ TOLLING

IX	MATERIALS ISSUE FOR JOB WORKS/ TOLLING		
1	ISSUED OF EXCISABLE GOODS U/R 4(5)(a) CENVAT CREDIT RULES 2004 OR NOTIFICATION NO. 214/86 C.E. DTD 25.03.1986 FOR JOB WORKS TO ANOTHER FACTORY	998898	

X	PROPELLENT - BURN RATE		
1	SILVER POWDER	7106.10.00	7440-22-4

XI	MISSILES		
1	GOLD WIRE UPTO 60 MICRONS	7108.13.00	7440-57-5

XII	NUCLEAR POWER PLANTS		
1	PLATINUM COATED ALUMINA PELLETS	3815.12.90	
2	PALLADIUM COATED ALUMINA PELLETS	3815.12.90	

Note :- The activated Carbon used is NORIT GSX Grade any deviation will need to be specified well in advance.