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Lab NABL Accredited - Chemical Field

"Shree", K 3/4, S. No. 10, Erandawane Housing Society, Opposite Deenanath Mangeshkar Hospital, Pune 411 004.  
• Tel.: 020 - 25460202, 25460023, 25460033 • Fax : 020 - 25460203. • Email : kmn@hespl.co.in / md@hespl.co.in • www.hespl.co.in

### PT Calendar for the year 2023-2024

#### Discount (Excluding courier charges):

For one scheme 10% Discount is applicable

For Two schemes 20% Discount is applicable

For more than two schemes 30% discount is applicable

\*The Participants who will register with us for their Two years PT Plan in coordination with our PT calendar will get flat 50% discount.

\*HALPL gives support to participants laboratory for corrective action in case of outlier with minimal charges.

**\*Please note that courier charges would be Rs.750/+ 18% GST extra, non-negotiable/no discount.**

Sr. No	Scheme code	Description	Parameters	Rate/ Scheme (Excl. GST @ 18%)	Month of PT Program
1	HALPL/DW-G/ 2023 -01	<b>GENERAL ANALYTES</b>  <b>WATER –</b> (Drinking Water/ Package Drinking water/ Groundwater/ Bore-well water)	1. pH 2. Electric Conductivity 3. Colour 4. Turbidity 5. Chlorides as Cl 6. Sulphates as SO4 7. Total Dissolved Solids 8. Calcium as Ca 9. Magnesium as Mg 10. Total Hardness as CaCO3 11. Nitrates as NO3	Rs. 9000/-	<b>January 2023</b>  <b>Last date of Registration:</b> <b>31<sup>st</sup> January 2023</b>  <b>Report Release:</b> <b>March 2023</b>
2	HALPL/WW-G/2023-02	<b>GENERAL ANALYTES</b>  <b>WASTEWATER</b>	1. pH 2. Electric Conductivity 3. Colour 4. Suspended Solids 5. Total Dissolved Solids 6. Chemical Oxygen Demand 7. Bio-chemical Oxygen Demand 8. Dissolved Oxygen	Rs. 10000/-	<b>January 2023</b>  <b>Last date of Registration:</b> <b>31<sup>st</sup> January 2023</b>  <b>Report Release:</b> <b>March 2023</b>



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			9. Chlorides as Cl 10. Sulphates as SO <sub>4</sub> 11. Total Kjeldahl Nitrogen as TKN 12. Ammonical Nitrogen as NH <sub>3</sub> -N 13. Ammonia as NH <sub>3</sub>		
3	HALPL/SOIL-G/2023-03	<b>GENERAL ANALYTES</b>  <b>SOIL</b>	1. pH 2. Electric Conductivity 3. Chlorides as Cl 4. Total Soluble Sulphates as SO <sub>4</sub> 5. Total Organic Matter (TOM) 6. Total Organic Carbon (TOC) 7. Calcium Carbonate as CaCO <sub>3</sub> 8. Exchangeable Magnesium as Mg 9. Calcium as Ca 10. Sodium Adsorption Ratio (SAR)	Rs. 9000/-	<b>January 2023</b>  <b>Last date of Registration:</b> <b>31<sup>st</sup> January 2023</b>  <b>Report Release:</b> <b>March 2023</b>
4	HALPL/AAS/2023-04	<b>AMBIENT AIR DUST</b> Process of Sampling- <i>Qualitative</i>	1.PM <sub>10</sub> 2.PM <sub>2.5</sub>	Rs. 8000/-	<b>January 2023</b>  <b>Last date of Registration:</b> <b>31<sup>st</sup> January 2023</b>  <b>Report Release:</b> <b>March 2023</b>
5	HALPL/STK/2023 -05	<b>STACK EMISSIONS</b> Process of Sampling- <i>Qualitative</i> & <b>STACK GASES</b> Analysis- <i>Quantitative</i>	1. Particulate Matter as PM 2. Sulphur Dioxide as SO <sub>2</sub>  1. Sulphur Dioxide as SO <sub>2</sub>	Rs. 11500/-	<b>January 2023</b>  <b>Last date of Registration:</b> <b>31<sup>st</sup> January 2023</b>  <b>Report Release:</b> <b>March 2023</b>



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6	HALPL/DW-H/ 2023 -06	<p><b>HEAVY METALS</b></p> <p><b>WATER –</b> (Drinking Water/ Package Drinking water/ Groundwater/ Bore-well water)</p>	<ol style="list-style-type: none"> <li>1. Boron as B</li> <li>2. Copper as Cu</li> <li>3. Nickel as Ni</li> <li>4. Lead as Pb</li> <li>5. Cadmium as Cd</li> <li>6. Zinc as Zn</li> <li>7. Total Chromium as Cr</li> <li>8. Arsenic as As</li> <li>9. Iron as Fe</li> <li>10. Hexavalent Chromium as Cr6+</li> <li>11. Sodium as Na</li> <li>12. Potassium as K</li> </ol>	Rs. 10000/-	<p><b>February 2023</b></p> <p><b>Last date of Registration:</b> <b>28<sup>th</sup> February 2023</b></p> <p><b>Report Release:</b> <b>April 2023</b></p>
7	HALPL/WW-SP1/2023-07	<p><b>SPECIFIC ANALYTES-1</b></p> <p><b>WASTEWATER</b></p>	<ol style="list-style-type: none"> <li>1. Sodium Adsorption Ratio (SAR)</li> <li>2. Total Alkalinity as CaCO<sub>3</sub></li> <li>3. P-Alkalinity</li> <li>4. Reactive Silica as SiO<sub>2</sub></li> <li>5. Colloidal Silica</li> <li>6. Nitrite as NO<sub>2</sub></li> <li>7. Nitrates as NO<sub>3</sub></li> <li>8. Acidity as CaCO<sub>3</sub></li> </ol>	Rs. 9000/-	<p><b>February 2023</b></p> <p><b>Last date of Registration:</b> <b>28<sup>th</sup> February 2023</b></p> <p><b>Report Release:</b> <b>April 2023</b></p>
8	HALPL/SOIL-H/2023-08	<p><b>HEAVY METALS</b></p> <p><b>SOIL</b></p>	<ol style="list-style-type: none"> <li>1. Total Iron as Fe</li> <li>2. Total Cadmium as Cd</li> <li>3. Total Nickel as Ni</li> <li>4. Total Lead as Pb</li> <li>5. Total Chromium as Cr</li> <li>6. Total Manganese as Mn</li> <li>7. Total Cobalt as Co</li> <li>8. Available Copper as Cu</li> <li>9. Available Zinc as Zn</li> <li>10. Available Iron as Fe</li> <li>11. Available Boron as B</li> <li>12. Available Sodium as Na</li> </ol>	<p>Rs. 11500/-</p> <p>(For min. 7 parameter Rs. 6500/-)</p>	<p><b>February 2023</b></p> <p><b>Last date of Registration:</b> <b>28<sup>th</sup> February 2023</b></p> <p><b>Report Release:</b> <b>April 2023</b></p>



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			13. Available Potassium as K 14. Available Manganese as Mn		
9	HALPL/AA/2023 -09	<b>AMBIENT AIR</b> Process of Sampling- <i>Qualitative</i> & <b>AMBIENT AIR</b> <b>GASES</b> Analysis- <i>Quantitative</i>	1. Sulphur Dioxide as SO <sub>2</sub> 2. Nitrogen Dioxide as NO <sub>2</sub> 3. Ozone as O <sub>3</sub> 4. Ammonia as NH <sub>3</sub>  1. Sulphur Dioxide as SO <sub>2</sub> 2. Nitrogen Dioxide as NO <sub>2</sub>	Rs. 10500/-	<b>February 2023</b>  <b>Last date of Registration:</b> <b>28<sup>th</sup> February 2023</b>  <b>Report Release:</b> <b>April 2023</b>
10	HALPL/AN/2023-10	<b>AMBIENT NOISE LEVEL</b> (Process of Monitoring)	1. Leq 24 Hrs. 2. Day and Night	Rs. 8500/-	<b>February 2023</b>  <b>Last date of Registration:</b> <b>28<sup>th</sup> February 2023</b> <b>Report Release:</b> <b>April 2023</b>
11	HALPL/DGN /2023-11	<b>DG NOISE</b> (Process of Monitoring)	1. Source Noise 2. DG Insertion Loss	Rs. 8500/-	<b>February 2023</b>  <b>Last date of Registration:</b> <b>28<sup>th</sup> February 2023</b>  <b>Report Release:</b> <b>April 2023</b>
12	HALPL/DW-SP/ 2023 -12	<b>SPECIFIC ANALYTES WATER –</b> (Drinking Water/ Package Drinking water/ Groundwater/ Bore-well water)	1. Nitrites as NO <sub>2</sub> 2. Phosphorus as P 3. Total Alkalinity as CaCO <sub>3</sub> 4. P-Alkalinity 5. Ammonia as NH <sub>3</sub> 6. Fluoride as F	Rs. 7500/-	<b>March 2023</b>  <b>Last date of Registration:</b> <b>31<sup>st</sup> March 2023</b>  <b>Report Release:</b> <b>May 2023</b>



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13	HALPL/WW-H/ 2023 -13	<b>HEAVY METALS</b>  <b>WASTEWATER</b>	<ol style="list-style-type: none"> <li>1. Boron as B</li> <li>2. Copper as Cu</li> <li>3. Nickel as Ni</li> <li>4. Lead as Pb</li> <li>5. Cadmium as Cd</li> <li>6. Zinc as Zn</li> <li>7. Total Chromium as Cr</li> <li>8. Arsenic as As</li> <li>9. Iron as Fe</li> <li>10. Hexavalent Chromium as Cr6+</li> <li>11. Sodium as Na</li> <li>13. Potassium as K</li> </ol>	Rs. 10000/-	<b>March 2023</b>  <b>Last date of Registration:</b> <b>31<sup>st</sup> March 2023</b>  <b>Report Release:</b> <b>May 2023</b>
14	HALPL/SOIL-SP/2023-14	<b>SPECIFIC ANALYTES</b>  <b>SOIL</b>	<ol style="list-style-type: none"> <li>1. Available Phosphorus as P</li> <li>2. Available Nitrogen as N</li> <li>3. Water Content (Moisture)</li> <li>4. Bulk Density</li> <li>5. Cation Exchange Capacity</li> <li>6. Water Holding Capacity</li> <li>7. Extractable Acidity</li> <li>8. Colour (Qualitative)</li> <li>9. Texture (Qualitative)</li> </ol>	Rs. 9000/-	<b>March 2023</b>  <b>Last date of Registration:</b> <b>31<sup>st</sup> March 2023</b>  <b>Report Release:</b> <b>May 2023</b>
15	HALPL/AHM/2023 -15	<b>AMBIENT AIR-METALS</b> Process of Sampling- <i>Qualitative</i> & <b>AMBIENT AIR - METALS</b> Analysis- <i>Quantitative</i>	<ol style="list-style-type: none"> <li>1. Lead as Pb</li> <li>2. Nickel as Ni</li> <li>3. Arsenic as As</li> </ol> <ol style="list-style-type: none"> <li>1. Lead as Pb</li> <li>2. Nickel as Ni</li> </ol>	Rs. 9500/-	<b>March 2023</b>  <b>Last date of Registration:</b> <b>31<sup>st</sup> March 2023</b>  <b>Report Release:</b> <b>May 2023</b>



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16	HALPL/WW-SP2/2023-16	<b>SPECIFIC ANALYTES-2 WASTEWATER</b>	<ol style="list-style-type: none"> <li>Mixed Liquor Suspended Solids as MLSS</li> <li>Mixed Liquor Volatile Suspended Solids as MLVSS</li> <li>Total Volatile Solids as TVS</li> <li>Fluoride as F</li> <li>Anionic Surfactants as MBAS</li> <li>Phenolic Compounds as C<sub>6</sub>H<sub>6</sub>OH</li> <li>Sulphide as S<sup>2-</sup></li> </ol>	Rs. 9000/-	<b>April 2023</b>  <b>Last date of Registration: 30<sup>th</sup> April 2023</b>  <b>Report Release: June 2023</b>
17	HALPL/AAS/2023-17	<b>AMBIENT AIR DUST</b> Process of Sampling- <i>Qualitative</i>	<ol style="list-style-type: none"> <li>PM<sub>10</sub></li> <li>PM<sub>2.5</sub></li> </ol>	Rs. 8000/-	<b>April 2023</b>  <b>Last date of Registration: 30<sup>th</sup> April 2023</b>  <b>Report Release: June 2023</b>
18	HALPL/WP/2023 -18	<b>WORKPLACE AIR</b> Process of Sampling- <i>Qualitative</i> & <b>WORKPLACE AIR GASES</b> Analysis- <i>Quantitative</i>	<ol style="list-style-type: none"> <li>Suspended Particulate Matter as SPM</li> <li>Sulphur Dioxide as SO<sub>2</sub></li> <li>Nitrogen Dioxide as NO<sub>2</sub></li> </ol>	Rs. 8500/-	<b>April 2023</b>  <b>Last date of Registration: 30<sup>th</sup> April 2023</b>  <b>Report Release: June 2023</b>
19	HALPL/DW-G/ 2023 -19	<b>GENERAL ANALYTES</b>  <b>WATER –</b> (Drinking Water/ Package Drinking	<ol style="list-style-type: none"> <li>pH</li> <li>Electric Conductivity</li> <li>Colour</li> <li>Turbidity</li> <li>Chlorides as Cl</li> <li>Sulphates as SO<sub>4</sub></li> </ol>	Rs. 9000/-	<b>May 2023</b>  <b>Last date of Registration: 31<sup>st</sup> May 2023</b>  <b>Report Release:</b>



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		water/ Groundwater/ Bore-well water)	7. Total Dissolved Solids 8. Calcium as Ca 9. Magnesium as Mg 10. Total Hardness as CaCO <sub>3</sub> 11. Nitrates as NO <sub>3</sub>		<b>July 2023</b>
<b>20</b>	<b>HALPL/WW-G/2023-20</b>	<b>GENERAL ANALYTES</b>  <b>WASTEWATER</b>	1. pH 2. Electric Conductivity 3. Colour 4. Suspended Solids 5. Total Dissolved Solids 6. Chemical Oxygen Demand 7. Bio-chemical Oxygen Demand 8. Dissolved Oxygen 9. Chlorides as Cl 10. Sulphates as SO <sub>4</sub> 11. Total Kjeldahl Nitrogen as TKN 12. Ammonical Nitrogen as NH <sub>3</sub> -N 13. Ammonia as NH <sub>3</sub>	Rs. 10000/-	<b>May 2023</b>  <b>Last date of Registration:</b> <b>31<sup>st</sup> May 2023</b>  <b>Report Release:</b> <b>July 2023</b>
<b>21</b>	<b>HALPL/SOIL-G/2023-21</b>	<b>GENERAL ANALYTES</b>  <b>SOIL</b>	1. pH 2. Electric Conductivity 3. Chlorides as Cl 4. Total Soluble Sulphates as SO <sub>4</sub> 5. Total Organic Matter (TOM) 6. Total Organic Carbon (TOC) 7. Calcium Carbonate as CaCO <sub>3</sub> 8. Exchangeable Magnesium as Mg 9. Calcium as Ca 10. Sodium Adsorption Ratio (SAR)	Rs. 9000/-	<b>May 2023</b>  <b>Last date of Registration:</b> <b>31<sup>st</sup> May 2023</b>  <b>Report Release:</b> <b>July 2023</b>





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22	HALPL/AA/2023 -22	<b>AMBIENT AIR</b> Process of Sampling- <i>Qualitative</i> & <b>AMBIENT AIR GASES</b> Analysis- <i>Quantitative</i>	1. Sulphur Dioxide as SO <sub>2</sub> 2. Nitrogen Dioxide as NO <sub>2</sub> 3. Ozone as O <sub>3</sub> 4. Ammonia as NH <sub>3</sub>  1. Sulphur Dioxide as SO <sub>2</sub> 2. Nitrogen Dioxide as NO <sub>2</sub>	Rs. 10500/-	<b>May 2023</b>  <b>Last date of Registration:</b> <b>31<sup>st</sup> May 2023</b>  <b>Report Release:</b> <b>July 2023</b>
23	HALPL/STK/2023 -23	<b>STACK EMISSIONS</b> Process of Sampling- <i>Qualitative</i> & <b>STACK GASES</b> Analysis- <i>Quantitative</i>	1. Particulate Matter as PM 2. Sulphur Dioxide as SO <sub>2</sub>  1. Sulphur Dioxide as SO <sub>2</sub>	Rs. 11500/-	<b>May 2023</b>  <b>Last date of Registration:</b> <b>31<sup>st</sup> May 2023</b>  <b>Report Release:</b> <b>July 2023</b>
24	HALPL/DW-H/ 2023 -24	<b>HEAVY METALS</b>  <b>WATER –</b> (Drinking Water/ Package Drinking water/ Groundwater/ Bore-well water)	1. Boron as B 2. Copper as Cu 3. Nickel as Ni 4. Lead as Pb 5. Cadmium as Cd 6. Zinc as Zn 7. Total Chromium as Cr 8. Arsenic as As 9. Iron as Fe 10. Hexavalent Chromium as Cr <sub>6+</sub> 11. Sodium as Na 12. Potassium as K	Rs. 10000/-	<b>June 2023</b>  <b>Last date of Registration:</b> <b>30<sup>th</sup> June 2023</b>  <b>Report Release:</b> <b>August 2023</b>





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25	HALPL/WW-SP1/2023-25	<b>SPECIFIC ANALYTES-1</b> <b>WASTEWATER</b>	<ol style="list-style-type: none"> <li>Sodium Adsorption Ratio (SAR)</li> <li>Total Alkalinity as CaCO<sub>3</sub></li> <li>P-Alkalinity</li> <li>Reactive Silica as SiO<sub>2</sub></li> <li>Colloidal Silica</li> <li>Nitrite as NO<sub>2</sub></li> <li>Nitrates as NO<sub>3</sub></li> <li>Acidity as CaCO<sub>3</sub></li> </ol>	Rs. 9000/-	<b>June 2023</b>  <b>Last date of Registration:</b> <b>30<sup>th</sup> June 2023</b>  <b>Report Release:</b> <b>August 2023</b>
26	HALPL/SOIL-H/2023-26	<b>HEAVY METALS</b>  <b>SOIL</b>	<ol style="list-style-type: none"> <li>Total Iron as Fe</li> <li>Total Cadmium as Cd</li> <li>Total Nickel as Ni</li> <li>Total Lead as Pb</li> <li>Total Chromium as Cr</li> <li>Total Manganese as Mn</li> <li>Total Cobalt as Co</li> <li>Available Copper as Cu</li> <li>Available Zinc as Zn</li> <li>Available Iron as Fe</li> <li>Available Boron as B</li> <li>Available Sodium as Na</li> <li>Available Potassium as K</li> <li>Available Manganese as Mn</li> </ol>	Rs. 11500/-  (For min. 7 parameter Rs. 6500/-)	<b>June 2023</b>  <b>Last date of Registration:</b> <b>30<sup>th</sup> June 2023</b>  <b>Report Release:</b> <b>August 2023</b>
27	HALPL/AHM/2023 -27	<b>AMBIENT AIR-METALS</b> Process of Sampling- <i>Qualitative</i> & <b>AMBIENT AIR - METALS</b> Analysis- <i>Quantitative</i>	<ol style="list-style-type: none"> <li>Lead as Pb</li> <li>Nickel as Ni</li> <li>Arsenic as As</li> </ol> <ol style="list-style-type: none"> <li>Lead as Pb</li> <li>Nickel as Ni</li> </ol>	Rs. 9500/-	<b>June 2023</b>  <b>Last date of Registration:</b> <b>30<sup>th</sup> June 2023</b>  <b>Report Release:</b> <b>August 2023</b>



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28	HALPL/AN/2023-28	Ambient Noise Level (Process of Monitoring)	1. Leq 24 Hrs. Day and Night	Rs. 8500/-	<b>June 2023</b>  <b>Last date of Registration: 30<sup>th</sup> June 2023</b>  <b>Report Release: August 2023</b>
29	HALPL/DGN /2023-29	DG Noise (Process of Monitoring)	1. Source Noise 2. DG Insertion Loss	Rs. 8500/-	<b>June 2023</b>  <b>Last date of Registration: 30<sup>th</sup> June 2023</b> <b>Report Release: August 2023</b>
30	HALPL/DW-SP/ 2023 -30	<b>SPECIFIC ANALYTES WATER</b> – (Drinking Water/ Package Drinking water/ Groundwater/ Bore-well water)	1. Nitrites as NO <sub>2</sub> 2. Phosphorus as P 3. Total Alkalinity as CaCO <sub>3</sub> 4. P-Alkalinity 5. Ammonia as NH <sub>3</sub> 6. Fluoride as F	Rs. 7500/-	<b>July 2023</b>  <b>Last date of Registration: 31<sup>st</sup> July 2023</b>  <b>Report Release: September 2023</b>
31	HALPL/WW-H/ 2023 -31	<b>HEAVY METALS WASTEWATER</b>	1. Boron as B 2. Copper as Cu 3. Nickel as Ni 4. Lead as Pb 5. Cadmium as Cd 6. Zinc as Zn 7. Total Chromium as Cr 8. Arsenic as As 9. Iron as Fe 10. Hexavalent Chromium as Cr <sup>6+</sup> 11. Sodium as Na 12. Potassium as K	Rs. 10000/-	<b>July 2023</b>  <b>Last date of Registration: 31<sup>st</sup> July 2023</b>  <b>Report Release: September 2023</b>



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32	HALPL/WW-SP2/2023-32	<b>SPECIFIC ANALYTES-2 WASTEWATER</b>	<ol style="list-style-type: none"> <li>Mixed Liquor Suspended Solids as MLSS</li> <li>Mixed Liquor Volatile Suspended Solids as MLVSS</li> <li>Total Volatile Solids as TVS</li> <li>Fluoride as F</li> <li>Anionic Surfactants as MBAS</li> <li>Phenolic Compounds as C<sub>6</sub>H<sub>6</sub>OH</li> <li>Sulphide as S<sup>2-</sup></li> </ol>	Rs. 9000/-	<b>August 2023</b>  <b>Last date of Registration:</b> <b>31<sup>st</sup> August 2023</b>  <b>Report Release:</b> <b>October 2023</b>
33	HALPL/DW-G/ 2023 -33	<b>GENERAL ANALYTES WATER – (Drinking Water/ Package Drinking water/ Groundwater/ Bore-well water)</b>	<ol style="list-style-type: none"> <li>pH</li> <li>Electric Conductivity</li> <li>Colour</li> <li>Turbidity</li> <li>Chlorides as Cl</li> <li>Sulphates as SO<sub>4</sub></li> <li>Total Dissolved Solids</li> <li>Calcium as Ca</li> <li>Magnesium as Mg</li> <li>Total Hardness as CaCO<sub>3</sub></li> <li>Nitrates as NO<sub>3</sub></li> </ol>	Rs. 9000/-	<b>September 2023</b>  <b>Last date of Registration:</b> <b>30<sup>th</sup> September 2023</b>  <b>Report Release:</b> <b>November 2023</b>
34	HALPL/WP/2023 -34	<b>WORKPLACE AIR</b> Process of Sampling- <i>Qualitative</i> & <b>WORKPLACE AIR GASES</b> Analysis- <i>Quantitative</i>	<ol style="list-style-type: none"> <li>Suspended Particulate Matter as SPM</li> <li>Sulphur Dioxide as SO<sub>2</sub></li> <li>Nitrogen Dioxide as NO<sub>2</sub></li> </ol>	Rs. 8500/-	<b>September 2023</b>  <b>Last date of Registration:</b> <b>30<sup>th</sup> September 2023</b>  <b>Report Release:</b> <b>November 2023</b>



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35	HALPL/DW-H/ 2023 -35	<p><b>HEAVY METALS</b></p> <p><b>WATER –</b> (Drinking Water/ Package Drinking water/ Groundwater/ Bore-well water)</p>	<ol style="list-style-type: none"> <li>1. Boron as B</li> <li>2. Copper as Cu</li> <li>3. Nickel as Ni</li> <li>4. Lead as Pb</li> <li>5. Cadmium as Cd</li> <li>6. Zinc as Zn</li> <li>7. Total Chromium as Cr</li> <li>8. Arsenic as As</li> <li>9. Iron as Fe</li> <li>10. Hexavalent Chromium as Cr6+</li> <li>11. Sodium as Na</li> <li>12. Potassium as K</li> </ol>	Rs. 10000/-	<p><b>October 2023</b></p> <p><b>Last date of Registration: 30<sup>th</sup> October 2023</b></p> <p><b>Report Release: December 2023</b></p>
36	HALPL/WW-G/2023-36	<p><b>GENERAL ANALYTES</b></p> <p><b>WASTEWATER</b></p>	<ol style="list-style-type: none"> <li>1. pH</li> <li>2. Electric Conductivity</li> <li>3. Colour</li> <li>4. Suspended Solids</li> <li>5. Total Dissolved Solids</li> <li>6. Chemical Oxygen Demand</li> <li>7. Bio-chemical Oxygen Demand</li> <li>8. Dissolved Oxygen</li> <li>9. Chlorides as Cl</li> <li>10. Sulphates as SO<sub>4</sub></li> <li>11. Total Kjeldahl Nitrogen as TKN</li> <li>12. Ammonical Nitrogen as NH<sub>3</sub>-N</li> <li>13. Ammonia as NH<sub>3</sub></li> </ol>	Rs. 10000/-	<p><b>October 2023</b></p> <p><b>Last date of Registration: 30<sup>th</sup> October 2023</b></p> <p><b>Report Release: December 2023</b></p>
37	HALPL/SOIL-G/2023-37	<p><b>GENERAL ANALYTES</b></p> <p><b>SOIL</b></p>	<ol style="list-style-type: none"> <li>1. pH</li> <li>2. Electric Conductivity</li> <li>3. Chlorides as Cl</li> <li>4. Total Soluble Sulphates as SO<sub>4</sub></li> <li>5. Total Organic Matter (TOM)</li> <li>6. Total Organic Carbon (TOC)</li> <li>7. Calcium Carbonate as CaCO<sub>3</sub></li> </ol>	Rs. 9000/-	<p><b>October 2023</b></p> <p><b>Last date of Registration: 30<sup>th</sup> October 2023</b></p>



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			8. Exchangeable Magnesium as Mg 9. Calcium as Ca 10. Sodium Adsorption Ratio (SAR)		<b>Report Release: December 2023</b>
38	HALPL/SOIL-SP/2023-38	<b>SPECIFIC ANALYTES</b>  <b>SOIL</b>	1. Available Phosphorus as P 2. Available Nitrogen as N 3. Water Content (Moisture) 4. Bulk Density 5. Cation Exchange Capacity 6. Water Holding Capacity 7. Extractable Acidity 8. Colour (Qualitative) 9. Texture (Qualitative)	Rs. 9000/-	<b>October 2023</b>  <b>Last date of Registration: 30<sup>th</sup> October 2023</b>  <b>Report Release: December 2023</b>
39	HALPL/AAS/2023-39	<b>AMBIENT AIR DUST</b> Process of Sampling- <i>Qualitative</i>	1. PM <sub>10</sub> 2. PM <sub>2.5</sub>	Rs. 8000/-	<b>October 2023</b>  <b>Last date of Registration: 30<sup>th</sup> October 2023</b>  <b>Report Release: December 2023</b>
40	HALPL/STK/2023 -40	<b>STACK EMISSIONS</b> Process of Sampling- <i>Qualitative</i> & <b>STACK GASES</b> Analysis- <i>Quantitative</i>	1. Particulate Matter as PM 2. Sulphur Dioxide as SO <sub>2</sub>  1. Sulphur Dioxide as SO <sub>2</sub>	Rs. 11,500/-	<b>October 2023</b>  <b>Last date of Registration: 30<sup>th</sup> October 2023</b>  <b>Report Release: December 2023</b>
41	HALPL/AN/2023-41	<b>AMBIENT NOISE LEVEL</b> (Process of Monitoring)	1. Leq 24 Hrs. Day and Night	Rs. 8500/-	<b>October 2023</b>  <b>Last date of Registration: 30<sup>th</sup> October 2023</b>



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					<b>Report Release: December 2023</b>
42	HALPL/DGN /2023-42	<b>DG NOISE</b> (Process of Monitoring)	1. Source Noise 2. DG Insertion Loss	Rs. 8500/-	<b>October 2023</b>  <b>Last date of Registration: 30<sup>th</sup> October 2023</b>  <b>Report Release: December 2023</b>
43	HALPL/WW-SP1/2023-043	<b>SPECIFIC ANALYTES-1</b>  <b>WASTEWATER</b>	1. Sodium Adsorption Ratio (SAR) 2. Total Alkalinity as CaCO <sub>3</sub> 3. P-Alkalinity 4. Reactive Silica as SiO <sub>2</sub> 5. Colloidal Silica 6. Nitrite as NO <sub>2</sub> 7. Nitrates as NO <sub>3</sub> 8. Acidity as CaCO <sub>3</sub>	Rs. 9000/-	<b>November 2023</b>  <b>Last date of Registration: 30<sup>th</sup> November 2023</b>  <b>Report Release: January 2024</b>
44	HALPL/AA/2023 -44	<b>AMBIENT AIR</b> Process of Sampling- <i>Qualitative</i> & <b>AMBIENT AIR GASES</b> Analysis- <i>Quantitative</i>	1. Sulphur Dioxide as SO <sub>2</sub> 2. Nitrogen Dioxide as NO <sub>2</sub> 3. Ozone as O <sub>3</sub> 4. Ammonia as NH <sub>3</sub>  1. Sulphur Dioxide as SO <sub>2</sub> 2. Nitrogen Dioxide as NO <sub>2</sub>	Rs. 10500/-	<b>November 2023</b>  <b>Last date of Registration: 30<sup>th</sup> November 2023</b>  <b>Report Release: January 2024</b>
45	HALPL/DW-SP/ 2023 -45	<b>SPECIFIC ANALYTES</b> <b>WATER –</b> (Drinking Water/ Package Drinking	1. Nitrites as NO <sub>2</sub> 2. Phosphorus as P 3. Total Alkalinity as CaCO <sub>3</sub> 4. P-Alkalinity 5. Ammonia as NH <sub>3</sub>	Rs. 7500/-	<b>December 2023</b>  <b>Last date of 31<sup>st</sup> December 2023</b>



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		water/ Groundwater/ Bore-well water)	6. Fluoride as F		<b>Report Release: February 2024</b>
46	HALPL/WW-H/ 2023 -46	<b>HEAVY METALS</b>  <b>WASTEWATER</b>	1. Boron as B 2. Copper as Cu 3. Nickel as Ni 4. Lead as Pb 5. Cadmium as Cd 6. Zinc as Zn 7. Total Chromium as Cr 8. Arsenic as As 9. Iron as Fe 10. Hexavalent Chromium as Cr6+ 11. Sodium as Na 12. Potassium as K	Rs. 10000/-	<b>December 2023</b>  <b>Last date of 31<sup>st</sup> December 2023</b>  <b>Report Release: February 2024</b>
47	HALPL/WW-SP2/2023-47	<b>SPECIFIC ANALYTES-2</b>  <b>WASTEWATER</b>	1. Mixed Liquor Suspended Solids as MLSS 2. Mixed Liquor Volatile Suspended Solids as MLVSS 3. Total Volatile Solids as TVS 4. Fluoride as F 5. Anionic Surfactants as MBAS 6. Phenolic Compounds as C6H6OH 7. Sulphide as S <sup>2-</sup>	Rs. 9000/-	<b>December 2023</b>  <b>Last date of 31<sup>st</sup> December 2023</b>  <b>Report Release: February 2024</b>
48	HALPL/SOIL-H/2023-48	<b>HEAVY METALS</b>  <b>SOIL</b>	1. Total Iron as Fe 2. Total Cadmium as Cd 3. Total Nickel as Ni 4. Total Lead as Pb 5. Total Chromium as Cr 6. Total Manganese as Mn 7. Total Cobalt as Co 8. Available Copper as Cu	Rs. 13500/-  (For min. 7 parameter Rs. 8000/-	<b>December 2023</b>  <b>Last date of 31<sup>st</sup> December 2023</b>  <b>Report Release: February 2024</b>





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			9. Available Zinc as Zn 10. Available Iron as Fe 11. Available Boron as B 12. Available Sodium as Na 13. Available Potassium as K 14. Available Manganese as Mn		
49	HALPL/AHM/2023 -49	<b>AMBIENT AIR - METALS</b> Process of Sampling- <i>Qualitative</i> & <b>AMBIENT AIR - METALS</b> Analysis- <i>Quantitative</i>	1. Lead as Pb 2. Nickel as Ni 3. Arsenic as As  1. Lead as Pb 2. Nickel as Ni	Rs. 9500/-	<b>December 2023</b>  <b>Last date of 31<sup>st</sup> December 2023</b>  <b>Report Release: February 2024</b>

*\*Please note: All above PT programme will run as per the calendar based on availability of sufficient number of participants. HALPL reserves all the rights to change or cancel any specified PT programme. Such Changes or cancellation will be notified prior to commencement of PT Programme. Acceptance of code of conduct (attached with registration form) is mandatory in the PT registration form. Else, participation will be on hold.*

*\*For Registration form, please send mail to [ptp@hespl.co.in](mailto:ptp@hespl.co.in) , contact no. 9307526280*

\*\*\*\*\*End\*\*\*\*\*