



### **Organization Details:**

<i>Organization Name</i>	NATIONAL PHARMACEUTICAL INDUSTRIES CO SAOG
<i>Organization Type (Business/NGO/Gov)</i>	BUSINESS
<i>Website</i>	www.npioman.com
<i>Location /Address</i>	Road No 15, Rusayl Industrial Estate, Sultanate of Oman

<b><u>Award Category</u></b>	Green Habitat Award
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### **Project Details:**

<i>Project Title</i>	National Pharmaceutical Industries Co SAOG
<i>Location of Project</i>	Road No 15, Rusayl Industrial Estate, Rusayl, Sultanate of Oman
<i>One Line Description of Project</i>	State of Art Pharmaceutical Formulation Facility

### **Effectiveness**

<i>What were your goals?</i>	<ol style="list-style-type: none"><li>1. To provide the most environment friendly and healthy work place.</li><li>2. To ensure purity of air &amp; water both incoming as well as outgoing.</li><li>3. To conserve water while at the same time keeping the area green.</li></ol>
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<i>How have you measured your success?</i>	
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- The Company has a land area of 30,042 sq mtrs. Except for the area where building has been constructed, all the other open land has been covered with lawn and trees.
- Quality of air is monitored constantly to ensure that inside the factory it complies to class 100,000 specifications.
- Water is purified constantly through a regular filtration process as well as through a double reverse osmosis plant.
- The well controlled ETP ensures effective waste disposal management.
- GMP Training is conducted on staff on various topics including Cross Contamination, Good Housekeeping and Personal Hygiene.

## **Innovation & Creativity**

*How were innovative methods, strategies or ideas applied?*

- NPI is having the healthiest work place for staff. All the air is filtered through high efficiency particulate air filter with controlled humidity and temperature ( 25 degrees +/- 2% & 45 % RH +/- 10%) of 0.22 microns.
- Air Filtration – Air expelled to environment from all the 35 Air Handling Units is very clean as it is filtered through very fine filter that captures particles of more than 5 microns.
- Drinking water is purified and distributed as an in house supply avoiding the accumulation of plastic containers.
- Water for all industrial use is purified in house as first step, then the industrial used water is treated and analyzed as per Oman Environmental Regulation and then used for irrigation of the green part of the site.
- Size of green land is 20% as compared to the total site area ( 40% when compared to open land) with 5 Palm Trees and other flowery trees.
- All sanitary waste water outlets are connected to the underground Al Rusayl Industrial Estate System for treatment outside the plant.
- NPI is minimizing the use of paper through application of internal communication network for all of it's contact.
- NPI has a Central Industrial Vacuum System for cleaning the whole Plant. The dust collected in this system is not released into the atmosphere or discarded. Instead it is passed through a scrubber and treated and dissolved in water. It is then released into the ETP where the same is treated and then released.

## **Impact**

*How has the project/initiative/work motivated others to contribute to a greener Oman*

A visit to our premises would show that we are a model company in terms of cleanliness and greenery in the Rusayl Industrial Estate. This has been appreciated by all our visitors.

### **Originality and Leadership**

How has the nominee demonstrated vision, foresight and persistence?

- Water is a scare resource – NPI has demonstrated its concern for preserving this scare resource by utilizing the waste water (duly treated) to maintain its greenery (consistently over the past 10 years) thereby serving a dual purpose – greenery & water conservation.
- NPI constantly trains its staff on personal hygiene, cleanliness, cross contamination, Good Manufacturing Practice.
- NPI extends this training to students from other colleges in Oman every year.

### **Continuity & Sustainability**

How sustainable is the initiative carried out?

- All the initiatives taken above are incorporated into our official system and is a part of our corporate culture and hence will be followed at all times.

Explain how it will be effective in the long term

- NPI will be in the forefront on ensuring that air and water is kept clean and is committed to providing a very healthy & green habitat to all its employees and visitors.