



**NASH**

***AUTHORISED SERVICE PROVIDER***





## **ABOUT US**

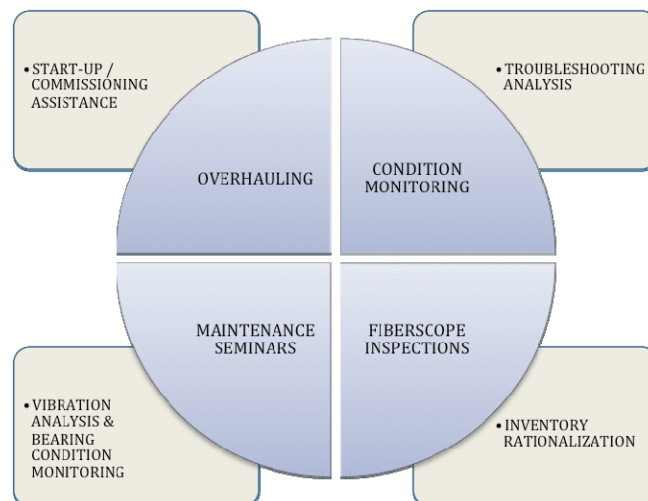
Established in the year 2010, Millennium Enterprise functions with the sole purpose of providing the most efficient and professional after sales service support & solutions to its customers.

We provide services to some of the most prominent public sector companies, State Electricity Boards and Private Customers in India; earning the reputation for quality of work and merit for customers satisfaction.

Our competent Service Engineers have been trained in accordance with the norms and guidelines prescribed by Gardner Denver Nash and are well equipped to service all Gardner Denver Nash Vacuum Pump models at customer location as well as at our Service Centre.

We offer a complete range of services covering maintenance, Inspection, Condition Monitoring and Overhauling, either on site or at our service center.

## **SERVICES**



### **Our Service Center**

Equipped with the latest machines, tools and Technology, Our Gardner Denver Nash authorized Service Center in New Delhi is staffed by skilled, trained and experienced Service Engineers, working with latest Nash drawings and specifications, to insure that all critical tolerances are returned to that of a new pump.

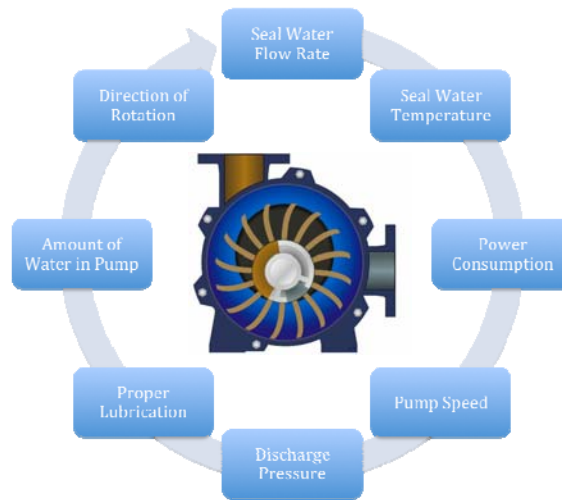
### **Start-up / Commissioning assistance**

With an experience of commissioning of more than thirty vacuum pump packages at more than fifteen sites within a span of three years, we are more than just familiar with all the related pre & post commissioning problems and their solutions. We will assist you from installation to start-up and train your personnel about the product for effective maintenance and operation of the vacuum pump.



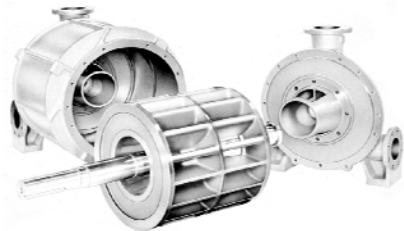
### Troubleshooting & remedial Actions for sudden break down

In case of emergency or sudden breakdown, we can carry out the troubleshooting based on the input data related to the performance of the vacuum pump provided by you. Also, we can depute our Service Engineer to the customer site within 24 hours, as we truly understand the need and importance of vacuum pumps in the plant.



### Overhauling

Regular, planned overhauling will help you with cost management and improve the efficiency of your vacuum pump. Millennium Enterprise offers a service contract tailored to your needs. You will benefit from the experience of our personnel and the modern equipment in our Service Center. We offer our Services both at Customer site and at our Service Centre. Timely and correct overhauling practices can help Reducing downtime, Reduction in life-cycle costs and Reduced energy consumption of the plant.



### Condition Monitoring / Preventive Annual Maintenance Contracts

Our recent conceptualization “Annual Inspection for Condition Monitoring of Nash Vacuum Pumps” is designed to provide better and more efficient support system to the customer. It is beneficial for the customer as it helps achieve minimum downtime and fewer service calls, as it makes sure that Periodic maintenance is performed in a timely manner. This includes Plant inspection during operation, Visual inspection of the pump, Vibration analysis, Checks on operating parameters such as suction capacity, bearing temperature, Shaft speed and energy consumption and a check on the condition of the bearings in addition to Fiberscope examination or inspection through service openings and Flow rate measurement.



### **Maintenance Seminars**

We can train and educate your maintenance Engineers about the working of Nash Vacuum Pumps and to determine the condition of in-service equipment in order to predict when the maintenance should be performed. Providing systematic inspection, detection and corrective measures of failures before they occur or before they develop into major defects. We can also provide our Services for the same at your location.



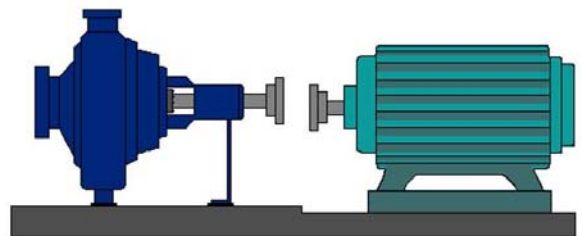
### **Fiberscope inspections**

By means of a fiberscope inspection, the interior of the pump, the rotor, the housing and the side shields/cones can be visually inspected. As a result our trained service personnel can not only identify damage to the pump, even at an early stage, but also find any foreign bodies inside it. We can spot signs of wear and determine the condition of your pumps without dismantling the machine, then plan maintenance which may be necessary before a failure occurs.



### **Vibration analysis & Bearing condition monitoring**

We collect data by monitoring the condition of the bearings and evaluate them in order to forewarn you of the need for early repairs before the vacuum pump fails. Improper alignment and installation of bearings, inadequate greasing can cause permanent damage to the pump. The monitoring process is carried out while the plant is operating, eliminating any necessity for it to be shut down.

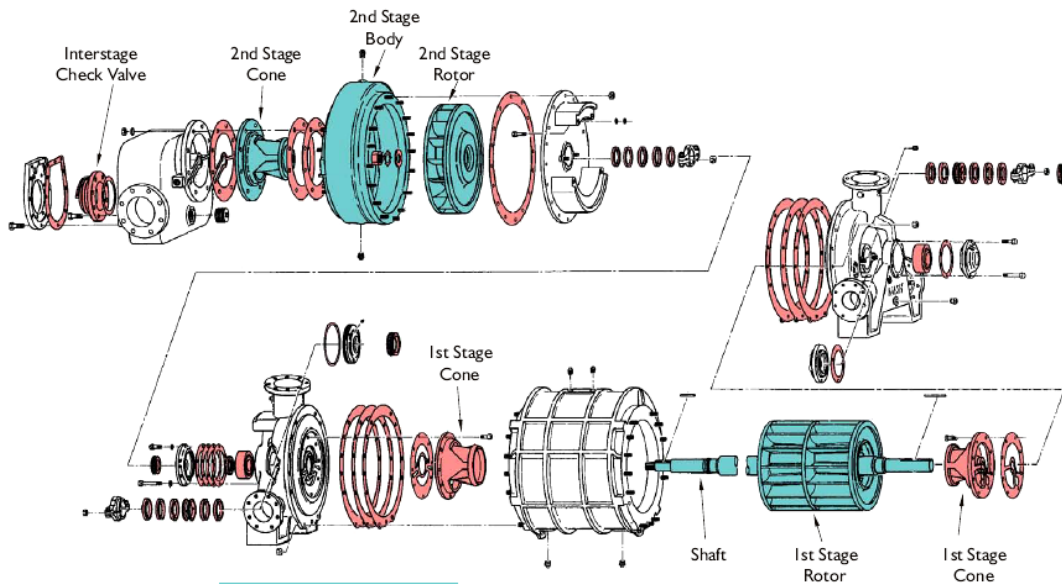


### **Inventory Rationalization**

It is important to use only OEM spare parts. Third party or self-fabricated spares are not exactly as per Nash drawings and specifications, and do not insure the exact critical tolerances. Hence, they can damage the vacuum pump and / or reduce the performance and life of the equipment.

Millennium Enterprise can guide you to procure and stock the necessary spares / consumables as per your requirement and maintain the same so in case of any emergency or sudden break down, the down time is minimal.





## **WHY US**

We are ready to provide support keeping your process running smoothly and efficiently and to avoid extensive equipment downtime. We have the capability to provide turnkey services for installation, startup, preventive maintenance and troubleshooting your vacuum pumps. Our facility is fully equipped with material handling equipment, tooling, fixtures and special machines to handle and overhaul pumps.

IF YOUR ANSWER IS "NO" TO ANY OF THESE QUESTIONS, YOU SHOULD CONSIDER A NASH OVERHAUL OF YOUR CONDENSER EXHAUSTER VACUUM PUMP

**YOUR PLANT WAS DESIGNED TO RUN WITH ONE PUMP**

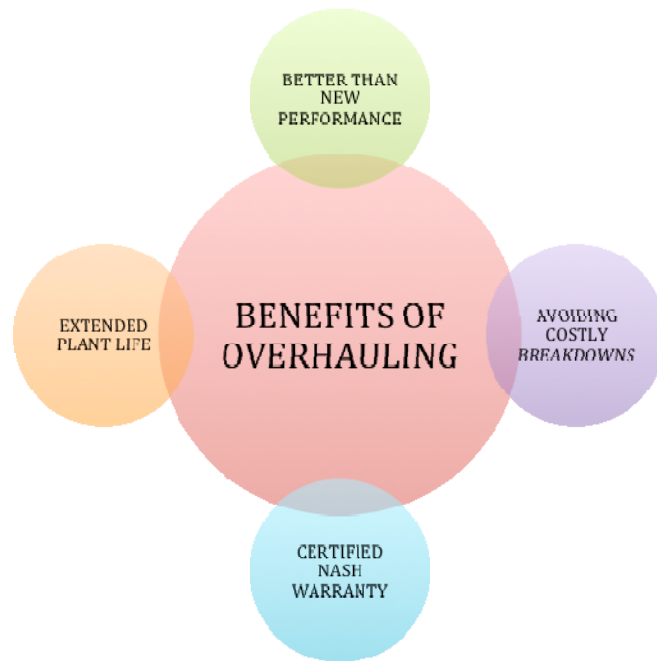
- CAN YOU HOLD CONDENSER VACUUM WITH ONE PUMP?

**IMPROPER MAINTENANCE AND FAILURE OF BEARINGS CAN PERMANENTLY DAMAGE THE PUMP**

- HAVE YOU CHANGED THE PUMP BEARINGS IN THE LAST TEN YEARS?

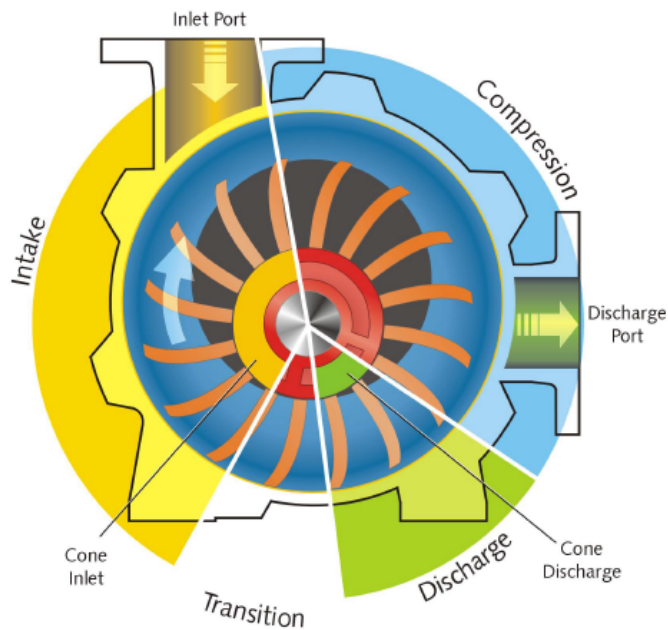
**REGULAR MAINTENANCE AND REPLACEMENT OF PACKING CAN SAVE PUMP FAILURE**

- IS YOUR CONDENSER EXHAUSTER PACKING LEAKAGE ACCEPTABLE?



**We know our Pumps inside out**

Our Engineers and Technicians can supplement your in-house maintenance operations. With video fiberscope inspections, we will determine the wear condition of your equipment without disassembly, allowing you to anticipate needed maintenance works before a costly breakdown occurs. We also perform vibration problem analysis.



**Value you can count on:**

Most importantly, Millennium Enterprise service work is competitively priced and provides you with the value you cant find elsewhere. Don't let just anyone overhaul you NASH pump.

<b>S.no.</b>	<b>Commissioning Orders</b>	<b>Servicing Orders</b>
1	IGSTPP APCPL JHAJJAR	NTPC KAWAS
2	GSECL SLPP	RAIN CII CARBON
3	DVC KODERMA	IOCL PANIAPT
4	APGENCO RAYALASEEMA	HPGCL DCRTTP
5	TATA MUNDRA	TATA POWER JOJOBERA
6	GMR VEMAGIRI (GREL)	RPSCL ROSA
7	LANCO KONDAPALLI	WBPDCS SAGARDIGHI
8	JAYPEE BINA	IOT PANIPAT
9	CSPGCL KORBA (W)	TATA POWER TROMBAY
10	APNRL ADHUNIK	NTPC UNCHAHAR
11	NAVBHARAT ENERGY (NBEIL)	RGPPS RATNAGIRI
12	MPPGCL SATPURA	HPGCL RGTPP HISAR
13	JAYPEE NIGRIE	NTPC SIMHADRI
14	RRVUNL CHHABRA (W)	STERLITE JHARSUGUDA
15	DPL DURGAPUR	RIL HAZIRA
16	GSECL DHUVARAN	DVC CHANDRAPURA
17	NTPC BARH	HPGCL PTPS
18	MPPGCL SHREE SINGAJI	KSK - VS LIGNITE
19	MPPGCL SATPURA	RRVUNL DHOLPUR
20	VISA POWER RAIGARH	IGSTPP APCPL JHAJJAR
21	CSPGCL MARWA	DVC MEJIA
22	NPCIL KALPAKKAM	ESSAR POWER HAZIRA
23	PPCL BAWANA	GSEL KLTPS
24	IEPL BELA	PPCL BAWANA
25	TNEB TUTICORIN	UPRVUNL PARICHHA
26	DVC BOKARO	TDPL DURGAPUR
27	DB POWER RAIGARH	LANCO ANPARA
28	MONNET POWER MALIBRAHMANI	GSEG HAZIRA
29	DVC CHANDRAPURA	METPP NELLORE
30	INDIABULLS AMRAVATI	CLP PAGUTHAN
31	INDIABULLS NASIK	
32	MSPGCL KORADI	
33	L&T NABHA POWER RAJPURA	
34	APGENCO KRISHNAPATNAM	
35	NBEIL PALONCHA	
36	MAHAGENCO KHAPERKHEDA	
37	MCCPL RAIPUR	

**NOTE: Please be advised that prior to August 2010, M/s Millennium Impex Pvt. Ltd, was undertaking this work. w.e.f August, 2010, this work is being carried out by Millennium Enterprise.**

**CONTACT US**



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