

No.01/10(April)/DPIIT/2021-Secy.  
Government of India  
The Department for Promotion of Industry and Internal Trade (DPIIT)  
Udhyog Bhawan, New Delhi

Dated 24<sup>th</sup> April, 2021

**OFFICE ORDER**

There is an extremely urgent requirement to augment supply of liquid medical oxygen (LMO) to effectively combat the ongoing Covid pandemic. This is moved in cryogenic liquid oxygen tankers. In order to improve the availability of such tankers there is an urgent necessity to convert the available Nitrogen and Argon carrying tankers into LMO carrying tankers. There are 434 Argon tankers and 765 Nitrogen tankers in the country. Six states namely Gujrat, Haryana, Jharkhand, Maharashtra, Tamilnadu, UPhavea total of 886 (about 74% of a total of 1199 Nos) i.e., 350 Argon and 536 Nitrogen tankers.

2. The holding companies of these tankers have already been given the instruction to convert minimum 50% of such tankers in the above mentioned six states on war footing.

3. In order to monitor the expeditious conversion of such tankers into LMO carrying tankers, necessary paperwork including the required permissions from the respective States, PESO authorities, details of their registration numbers, six nodal officers of the rank of Joint Secretaries from DPIITas per **annexure-I** have been appointed with immediate effect to monitor and coordinate such work.

4. The task to be performed by such nodal officers shall be as under;

(a) As a Nodal Officer of the State

- (i) Coordination with the State Government Officers and PESO, State Nodal Officer for conversion of at least 50% Nitrogen and Argon tankers expeditiously.
- (ii) Sharing the list of such tankers (Converted/Convertible) for demand-supply mapping of Oxygen being coordinated in DPIIT.
- (iii) Ensuring that these converted tankers reach the source (supply) point as per mapping for loading of LMO.
- (iv) Ensuring that these converted tankers comply with mapping in their movement.

(b) As a Nodal Officer for major Oxygen Manufacturing Company

- (i) To coordinate with allocated manufacturing company/ plants of the company/State Government/PESO, State Nodal Officer for expeditious conversion and loading of LMO in the converted tankers with minimum waiting/idle time.
- (ii) Sending reports twice a day i.e., at 01:00 pm and 07:00 pm. Daily, giving updated status of dispatch and receipt of loaded oxygen tankers after conversion (Annexure-II).

5. State wise details are attached as Annexure-III. It is advised that the maximum number of such tankers, as found feasible, should be converted into oxygen-carrying tankers to facilitate this movement, in an expeditious manner. The Nodal Officers so appointed are also authorised to attach any additional staff to help them in coordinating the assigned duties.

Sd/-  
(Giridhar Aramane)  
Secretary DPIIT  
Tele:011-23714104  
011-23721874

Copy to:

1. Chief Secretaries of the States of Gujrat, Haryana, Jharkhand, Maharashtra, Tamilnadu, UP
2. Addl. Chief Secretaries/Principal Secretaries Transport of the States of Gujrat, Haryana, Jharkhand, Maharashtra, Tamilnadu, UP
3. Transport Commissioner Gujrat, Haryana, Jharkhand, Maharashtra, Tamilnadu, UP
4. Sh Anil Agarwal, Additional Secretary, DPIIT
5. Sh Vandana Kumar, Joint Secretary, DPIIT
6. Shri Rajendra Ratnoo, Joint Secretary, DPIIT
7. Shri Rajesh Kumar Singh, Joint Secretary, DPIIT
8. Shri T.S.G. Narayanan, Technical Adviser (Boiler)
9. Shri Darpan Jain, Joint Secretary, Department of Commerce
10. Sh. Vyas R, DS/Dir, D/o Economic Affairs
11. Sh. Amit Kataria, DS/DIR, M/o Housing and Urban Affairs
12. Dr Vikrant Pandey, DS/DIR, Inter State Council Secretariate
13. Sh. Hrisheekesh Arvind Modak, DS/DIR, Financial Services

14. Sh. Manoj Kumar Sahoo, DS/DIR, D/o Drinking Water and sanitation
15. Sh. Rahul Bhagat, DS/DIR, M/o Labour and Employment
16. Sh. Nikhil Kumar Kanodia, DS/DIR, DPIIT
17. Shri Saket Tiku, All India Industrial Gas Manufacturer Association
18. The tanker companies namely INOX, LINDE, PRAX AIR, AIR WATER, AIR LIQUIDE, VIKASHA INDUSTRIAL, ELLENBARRIE, SHREE RAM OXY, NIPPON TAIYO with a request for giving all data and support to the nodal officers in the required conversion and facilitation.

**List of Nodal Officers for Six States and Major Companies**

Name & Designation	e-mail ID /Mobile No./Tele No.	States	Companies having tankers
Shri Anil Agarwal, Additional Secretary	<a href="mailto:agrawal.anil@gov.in">agrawal.anil@gov.in</a> 23063838	Maharashtra	INOX
Smt. Vandana Kumar JOINT SECRETARY	<a href="mailto:vandanak.cgda@nic.in">vandanak.cgda@nic.in</a> 09650100496	Jharkhand	LINDE
Shri Rajendra Ratnoo JOINT SECRETARY	<a href="mailto:ratnoor@ias.nic.in">ratnoor@ias.nic.in</a> 09840352966 23061714	Tamilnadu	Prax Air
Shri Rajesh Kumar Singh JOINT SECRETARY	<a href="mailto:jsadmin-dpiit@gov.in">jsadmin-dpiit@gov.in</a> 09811902004 23062011	Haryana	Air Water & Air Liquid
Shri T.S.G. Narayanan Technical Adviser (Boiler)	<a href="mailto:tsg.narayannen@nic.in">tsg.narayannen@nic.in</a> 09868529043 23062151	UP	Visakha Industrial & Ellenbarrie
Shri Darpan Jain, Joint Secretary, Commerce	<a href="mailto:js1tpd-doc@nic.in">js1tpd-doc@nic.in</a> 23063413	Gujrat	Shree Ram Oxygen, Nippon Taiyo

**List of the nodal officers and the attachment of DS/Dir**

Name & Designation	e-mail ID /Mobile No./Tele No.	DS/Dir	e-mail ID /Mobile No./Tele No.
Shri Anil Agarwal, Additional Secretary	<a href="mailto:agrawal.anil@gov.in">agrawal.anil@gov.in</a> 23063838	Sh. Vyasana. R Sh. Amit Kataria	<a href="mailto:r.vyasan@nic.in">r.vyasan@nic.in</a> 23092326,9958411629, <a href="mailto:amitkataria@ias.nic.in">amitkataria@ias.nic.in</a> 23062871,23061384
Smt. Vandana Kumar JOINT SECRETARY	<a href="mailto:vandanak.cgda@nic.in">vandanak.cgda@nic.in</a> 09650100496	Sh. Rahul Bhagat	<a href="mailto:Rahul.bhagat@ips.gov.in">Rahul.bhagat@ips.gov.in</a> 23718923,9981288888
Shri Rajendra Ratnoo JOINT SECRETARY	<a href="mailto:ratnoor@ias.nic.in">ratnoor@ias.nic.in</a> 09840352966 23061714	Sh. Hrisheekesh Arvind Modak	<a href="mailto:dsboa2-dfs@gov.in">dsboa2-dfs@gov.in</a> 23344462 Mob: 9436894780

Shri Rajesh Kumar Singh JOINT SECRETARY	<a href="mailto:jsadmin-dpiit@gov.in">jsadmin-dpiit@gov.in</a> 09811902004 23062011	Sh. Manoj Kumar Sahoo	<a href="mailto:Mksahoo.ias@nic.in">Mksahoo.ias@nic.in</a> 24361064
Shri T.S.G. Narayanan Technical Adviser (Boiler)	<a href="mailto:tsg.narayannen@nic.in">tsg.narayannen@nic.in</a> 09868529043 23062151	Sh. Nikhil Kumar Kanodia	9437323346,23063596
Shri Darpan Jain, Joint Secretary, Commerce	<a href="mailto:js1tpd-doc@nic.in">js1tpd-doc@nic.in</a> 23063413	Dr. Vikrant Pandey	<a href="mailto:Vikrant.pandey@gov.in">Vikrant.pandey@gov.in</a> <a href="tel:23022237">23022237</a> , <a href="tel:23022152">23022152</a> <a href="tel:8000840000">Mob: 8000840000</a>

## Annexure-II

### Status: Conversion of Nitrogen and argon tankers into Oxygen tankers

SL. No	State	Total Tankers (50% tankers to be converted)	Total Tankers available for conversion	Tankers already converted	Additional tankers to be converted by 24 <sup>th</sup> April	Additional tankers to be converted by 25 <sup>th</sup> April	Additional tankers to be converted by 26 <sup>th</sup> April
1	2	3	4	5	6	7	8
1.	Gujrat	175					
2.	Haryana	106					
3.	Jharkhand	132					
4.	Maharashtra	205					
5.	Tamilnadu	220					
6.	UP	48					
<b>Total</b>		<b>886</b>					

**Note: Details regarding the dispatch and receipt of loaded oxygen tankers may be attached separately by the nodal officers as per the format finalized by them.**

### Annexure-III

Sl. No.	State	Argon tankers	Nitrogen Tankers	Total Tankers
1	Gujrat	42	133	175
2	Haryana	47	59	106
3	Jharkhand	92	40	132
4	Maharashtra	67	138	205
5	Tamilnadu	79	141	220
6	UP	23	25	48
<b>Total</b>		<b>350</b>	<b>536</b>	<b>886</b>

#### Details of the tankers for major Tankers owner in six states

Sl. no.	State	Inox		Linde		Prax Air		Air Water		Air Liquide		Visakha Industrial		Ellenbarrie		Shree Ram Oxy		Total
		Ar	N <sub>2</sub>	Ar	N <sub>2</sub>	Ar	N <sub>2</sub>	Ar	N <sub>2</sub>	Ar	N <sub>2</sub>	Ar	N <sub>2</sub>	Ar	N <sub>2</sub>	Ar	N <sub>2</sub>	
1	Gujarat	6	22		3	1	24		3	2	8		8		6	1	2	<b>86</b>
2	Haryana	6	9	2	9	2	6			4			2		1		1	<b>42</b>
3	Jharkhand	3	17	42	4	28	6	19					3					<b>122</b>
4	Maharashtra	17	41	22	13	7	24	1		1	4		1		8		7	<b>146</b>
5	Tamil Nadu	15	42	6	15	25	16	9	3		7		2		4		2	<b>146</b>
6	UP		7		1		2						2		2		4	<b>18</b>
<b>Total</b>		<b>185</b>		<b>117</b>		<b>141</b>		<b>35</b>		<b>26</b>		<b>18</b>		<b>21</b>		<b>17</b>		<b>560</b>