



RW/NH-35072/01/2010-S&R (B)
GOVERNMENT OF INDIA
MINISTRY OF ROAD TRANSPORT & HIGHWAYS
S&R -(Bridges)

Transport Bhawan, 1, Parliament Street, New Delhi-110001

Dated: .2022

To

1. The Chief Secretaries of all State Governments/Union Territories.
2. The Principal Secretaries / Secretaries of all States/U.Ts Public Works Department dealing with National Highways, other Centrally Sponsored Schemes and State Schemes.
3. The Engineer-in-Chief and Chief Engineers of Public Works Departments of States/U.Ts dealing with National Highways, other Centrally Sponsored Schemes and State Schemes.
4. The Chairman, National Highways Authority of India (NHAI), G-5&6, Sector-10, Dwarka, New Delhi-110 075.
5. The Managing Director, NHIDCL, PTI Building, Parliament Street, New Delhi-110 001.
6. Director General (Border Roads), Seema Sadak Bhawan, Ring Road, New Delhi-110 010.
7. The Chairman- Policy Advocacy, Process Plant and Machinery Association of India.
8. The General Secretary, Hydraulic Trailer Owners Association, Mumbai

Subject: - Online permission for single unit ODC/OWC consignment on Modular Hydraulic Trailers (HT-1 to HT-13) on National highways in the country.

Ref: (i) Ministry's letter of even no. dated 02.06.2021
(ii) Ministry's letter of even no. dated 24.8.2020
(ii) Ministry's letter of even no. dated 24.01.2013

Sir,

Ministry is granting online permission for road movement of single indivisible unit of overweight / over dimensional consignments (OWCs/ODCs) on Modular Hydraulic Trailers under different loading arrangements classified as HT 1 to HT 13 on National Highways through Ministry's Portal (www.morth-owc.nic.in), The aforesaid guidelines issued vide letters dated 24.8.2020 and letter dated 02.6.2021 have been reviewed and it has been decided henceforth to follow the following guidelines in future for effective regulation of over weight/over dimensional consignments movement on National Highways and thus, ensuring the safe and uninterrupted movement of all types of vehicles.

2. The permission is based on findings of the study carried out by the committee of Consultants on the bridges as per Ministry's circular of even no dated 24.1.2013, data of bridges of IBMS and bridges updated by ROs on portal after field verification.

3. The permissions so granted are not valid for movement on the following types of bridges:

- (i) Single lane bridge structures.
- (ii) Steel truss or Bailey Bridges.
- (iii) Curved Bridges.
- (iv) Skew angle with angle greater than 20 degree.
- (v) Timber Bridges
- (vi) All bridges, rated under capacity for carrying IRC loading of class-A, class-AA and class-70R including those bridges where load restrictions have been imposed.

4. The movement on bridges having span length more than 50 mtrs and/or bridges not covered in Ministry's Circular no.RW-NH-35072/1/2010-S&R(B) dated 24.1.2013 as mentioned below shall be allowed only after checking adequacy as per IRC:35, IRC:SP:37 and IRC:SP:60 and expressed permission from ROs of MORT&H/NHAI/NHIDCL.

- (i) Continuous Bridges.
- (ii) Cantilever Bridges.
- (iii) Transversely Pre-stressed Box girder
- (iv) Cable stayed/Extradosed/Suspension Bridges, and
- (v) Any other type of bridge structures declared safe for IRC loads but not mentioned explicitly here-in-before.

5. Procedure for submission of application and grant of online permission for movement of OWC/ODC:

5.1 The transporter (common carrier), consignor/consignee will register themselves once on the ODC portal by filling the prescribed registration format as per Annexure-I enclosed herewith and upload its:

- (i) Copy of PAN card or GSTIN certificate.
- (ii) Copy of address proof viz. Telephone bill/ electricity bill/ Bankers certificate confirming address/ Registration under Carriage by Road Act,2007.

Registered email-id will act as the user-id for login on ODC portal for all future transactions.

5.2 The consignor/consignee will fill the cargo details format as per Annexure-II furnishing the following details and upload declaration confirming the consignment details on its letter head duly sealed & signed:

- (i) Name/Type of consignment.
- (ii) Unique Identification number of the consignment.
- (iii) Origin of the consignment with pin code (Loading Station).
- (iv) Destination of the consignment with pin code (Delivery station).
- (v) Dimensions of the single indivisible OW/OD consignment in meters (L*W*H)
- (vi) Transport Weight of the consignment including packing weight, if any in tonnes.
- (vii) Registered User-id of the transporter deployed for carriage of the subject consignment.
- (viii) Consignor Name & address.
- (ix) Consignee name and address.

On successful online submission of above details a transaction reference number will be generated by the system and a system generated email will be triggered to applicant email id and transporter email id confirming the same.

5.3 Details of Transporter / Declarations

5.3.1 Based on the consignment details submitted by consignor/consignee, authorized transporter will login on the ODC portal and update the following as per Annexure-III:

- i. HT type
- ii. Puller Tractor registration number.
- iii. MHT registration number(s) which may be multiple numbers depending on the HT combination type.
- iv. Attachment details, if any viz. Spacer/Bolster/Girder Bridge with its weight.
- v. Route proposed to be taken for subject movement with minimum one station at each interval of 100 kms of the total journey.
- vi. Puller Tractor driver license number.

5.3.2 Based on the registration numbers of Puller Tractor, MHT and driver license number so updated by the transporter, system will automatically verify the fairness of the details so updated and capture the following from vahan and saarthi database available with the Ministry:

- i) Registered owner name, unladen weight, registered laden weight, validity of permit, fitness, tax of the MHT
- ii) Registered owner name, validity of permit, fitness, tax of the Puller Tractor.
- iii) Driver name, validity of DL and authorization to driver Heavy Goods Transport Vehicle.

System will not allow deployment of Puller Tractor, MHT and Driver with any of the aforesaid documents or authorization not valid on date of submission. In case of any document noticed expired, system will ask for change of vehicle/driver/renewal with concerned authority.

5.3.3 Acknowledgement to online self declaration shall be made by Transporter and Consigner/consignee as per Annexure-IV

5.3.4 The conditions of movement of OWC/ODC are at Annexure-V.

5.4 System shall made available the applicant transporter to view on the portal the list of distressed bridges, the bridges having span more than 50 m and all special bridges not covered in Ministry's circular dated 24.01.2013., falling enroute on the proposed route updated by the applicant so that applicant plan the alternative route, if any on which these bridges do not falls. System will also display the possible alternative route(s) to the destination which may be explored by the applicant transporter to avoid the movement over such bridge structures. The applicant may also opt for the route having span more than 50 m and all special bridges not covered in Ministry's circular dated 24.01.2013. However, in this case, ROs of MoRT&H/NHAI/NHIDCL shall examine, whether permission may be granted or not, as per procedure given under para 5.6 mentioned below.

5.5 System will email the application exhibiting consignment, HT type and requested route to all concerned ROs of the MoRT&H/NHAI/NHIDCL dealing with NH sections falling enroute on requested route with a request to verify the list of bridges updated on ODC portal falling on requested route and also update the list of all bridges, if found to be inconsistent with details obtained either from Indian Bridge Management System or field verification which inter-alia includes list of all bridges/culverts including the list of all distressed bridges/culverts, list

of all bridges having span length more than 50 m and list of all bridges not covered in the Ministry's circular of even no. dated 24.01.2013.

5.6 The movement of ODCs/OWCs can be allowed on bridges with span more than 50 m, bridges not covered in the Ministry's circular of even no. dated 24.01.2013 after proper feasibility assessment by the ROs themselves or by consultants appointed by ROs on the basis of IRC:SP:35, IRC:SP:37 and IRC:SP:60 as mentioned under para 4.3 of guidelines of even number dated 24.01.2013 and explicit permission from the ROs of MoRT&H/NHAI/NHIDCL. In any case, no movement will be allowed on distressed bridges and explicit rejection from the ROs of the MoRT&H/NHAI/NHIDCL for the bridges having span more than 50 m and all special bridges not covered in Ministry's circular dated 24.01.2013, if found not feasible as per the assessment. ROs of the MoRT&H/NHAI/NHIDCL will however always take immediate action within minimum possible time either for restoring the health condition of any distressed bridge to acceptable level of service through repair/rehabilitation or through reconstruction of distressed bridge.

5.7 Comment of Ros of MoRT&H/NHAI/NHIDCL for grant of permission to move OWC/ODC:

5.7.1 In case of OWCs/ODCs over MHT combination with Gross combination weight upto 169 MT

5.7.1.1 The permission shall be granted and generated electronically immediately after online deposit of prescribed ODC fee, if there are no bridges with span more than 50 m, distressed bridges and bridges not covered in the Ministry's circular of even no. dated 24.01.2013, on the route requested by the applicant.

5.7.1.2 If the requested route passes through the distressed bridges, and/or bridges having span more than 50 m, and/or special bridges not covered in Ministry's circular dated 24.01.2013, ROs of MoRT&H/NHAI/NHIDCL shall examine the feasibility of bridges as per para 5.6 above and shall furnish comment on OWC/ODC portal, whether permission may be granted or not, within seven days from the date of online submission of application. If all concerned RO's allow for grant of permission within seven days of submission of application, ODC fee payment window will get activated on the portal and permission shall be granted and generated electronically immediately against online deposit of prescribed ODC fee by the transporter on the portal.

5.7.1.3 In case, no comments are offered by ROs within seven days from the date of online submission of application by the transporter, the ODC fee payment window will get activated on the portal on expiry of 7 days from date of online submission of application and permission shall be granted and generated electronically immediately against online deposit of prescribed ODC fee by the transporter on the portal.

5.7.2 In case of OWCs/ODCs over MHT combination with Gross combination weight exceeding 169 MT (HT-4 to HT -13).

5.7.2.1 In case requested route does not contain bridges with span more than 50 m and/or distressed bridges, but contains bridges on the route covered in the Ministry's circular of even no. dated 24.01.2013, the concerned ROs of MoRT&H/NHAI/NHIDCL shall examine the case and shall comment on ODC/OWC portal, whether permission may be granted or not, within seven days from the date of application taking into consideration the type/span of the bridge structure falling enroute and permissible GCW for the same as appearing in respective chart out of C 1 to C 13 forming part of the guidelines of even number dated 24.01.2013. If all concerned RO's falling enroute allow for grant of permission within seven days of submission of application, ODC fee payment window will get activated on the portal and permission shall be

granted and generated electronically immediately against online deposit of prescribed ODC fee by the transporter on the portal.

5.7.2.2 In case, no comments are offered by ROs within seven days from the date of online submission of application by the transporter, the ODC fee payment window will get activated on the portal on expiry of seven days from date of online submission of application and permission shall be granted and generated electronically immediately against online deposit of prescribed ODC fee by the transporter on the portal.

5.7.2.3 In case requested route passes through bridges with span more than 50 m and/or distressed bridges and/or special bridges not covered in Ministry's circular dated 24.01.2013, and/or bridges covered in Ministry's circular dated 24.01.2013, the concerned ROs shall examine the case as per para 5.6 above and /or as per charts mentioned under para 5.7.2.1 above, and shall comment on ODC/OWC portal, whether permission may be granted or not, within maximum period of fifteen days from the date of online submission of application by the transporter. If all concerned RO's falling enroute allow for grant of permission within fifteen days of online submission of application, ODC fee payment window will get activated on the portal and permission shall be granted and generated electronically immediately against online deposit of prescribed ODC fee by the transporter on the portal.

5.7.2.4 In case, no comments are offered by ROs within fifteen days from the date of online submission of application by the transporter, the ODC fee payment window will get activated on the portal on expiry of fifteen days from date of online submission of application and permission shall be granted and generated electronically immediately against online deposit of prescribed ODC fee by the transporter on the portal.

5.8 The applicant shall intimate actual programme of the movement of the consignment to all the concerned ROs of MoRT&H/NHAI/NHIDCL before start of the movement.

6. The permission shall be granted subject to the conditions mentioned under Annexure-VI.

7. The permission letter (sample of which is enclosed as Annexure-VI) includes the list of bridges, having span more than 50 m, distressed bridges and specific bridges not covered in the Ministry's circular of even no. dated 24.01.2013, on which movement is not allowed for OWC/ODC vehicles, unless concerned RO permit so, based on feasibility assessment of bridges as mentioned under para 5.6 above.

8. It is utmost requirement to update the database of aforesaid distressed bridges, bridges having span more than 50 m, and special bridges not covered in Ministry's circular dated 24.01.2013 on OWC/ODC portal. The concerned field officers shall upload the information related to aforesaid bridges on OWC/ODC Portal and update the same as and when such bridges are identified on National Highways under their jurisdiction.

9. Rate per 50 km or part thereof of total trip journey on National Highways (in Rs.) for categories of ODCs/OWCs with GCW including Puller weight is being revised as under:

Type of HT load duly carrying ODC/OWC	Rate per 50 km or part thereof of total trip journey on National Highways (in Rs.)
HT -1 to HT-3	1200
HT-4 to HT-6	2400

HT-7 to HT-9	3600
HT-10 to HT-13	4800

10. All ROs of MoRT&H/NHAI/NHIDCL are authorised to verify all details/documents submitted by the applicant at any time during movement of ODCs/OWCs and will invariably submit a report thereto in each case. In case of any violation/deficiency, ROs of the MoRT&H/NHAI/NHIDCL will act as under:

10.1 In case, variation noticed during movement with respect to physical consignment identification details, physical puller tractor & MHT registration numbers w.r.t. details appearing in the permission granted, a fine equivalent to ten times of the prescribed ODC fee will be imposed and recovered from the registered owner of the Puller Tractor. Thereafter, onward movement may be allowed.

10.2 (a) In case, axle weight for any axle row is more than 18.0 ton (180.0 kN) or gross combination weight (GCW) of MHT(s) is more than declared GCW or permissible GCW for declared category of modular hydraulic trailer (MHT) and (b) in case, where the applicant is found to carry multiple units of consignments instead of single indivisible consignment over MHT, the onward movement of vehicle will be stopped and halted for one month. Thereafter, a fine equivalent to ten times of the prescribed fee will be imposed and recovered from the registered owner of Puller Tractor. After deposit of fine as well as the prescribed fee for applicable category of vehicle, the MHT combination can be allowed to move onward with only single unit of indivisible consignment after ensuring that, all axle weighs less than 18.0 ton and GCW of MHT with consignment loaded over it is less than or equal to permissible GCW for subject category of MHT. Thereafter, the transporter will be blacklisted on ODC portal for one year from the 1st day of forthcoming month of date of release of defaulted MHT.

11. The NIC shall make provision in OWC/ODC Portal so as to assess the type of bridges by the applicant as per Para 5.4 above, within one month's time from the date of this Circular. All ROs of MoRT&H/NHAI/NHIDCL shall also update the information on bridges as mentioned under Para 9 above in OWC/ODC Portal, within one month's time from the date of issue of this Circular.

12. The contents of this Circular may please be brought to the notice of all the Concerned in your Organization for strict implementation. This circular will be implemented after one month from the date of its issue.

13. This issues with the approval of the Competent Authority.

Yours faithfully,

(Jitendra Kumar)
SE(S&R) Bridges
For Additional Director General (Nodal)

Copy to:

1. All Technical Officers in the Ministry of Road Transport a Highways.
2. All Joint Secretaries in the Ministry of Road Transport at Highways.
3. All ROs and ELOs of the Ministry of Road Transport a Highways.
4. The Secretary General, Indian Roads Congress.
5. The Director, IAHE.
6. Technical circular file of S, R&T (B) Section.
7. NIC for uploading on Ministry's website.

Copy for kind information to:

1. PS to Hon'ble Minister (RT&H) / PS to Hon'ble MOS (RT&H).
2. Sr. PPS to Secretary (RT&H).
3. PPS to DG (RD) a SS.
4. PPS to AS at FA/ADG-I.

Annexure- I to Ministry's Guidelines ref.no.RW/NH-35072/01/2010-S&R(B) dated.....

Name of Transporter(Common
Carrier)/Consignor/Consignee

Applicant Status

Transporter(Common
carrier)/Consignor/Consignee)

Applicant Type
Address Plot No.
Address Street Name
Address Area
City
Pincode
Landline Number
Contact Person
Designation
Contact Number
e-mail ID
PAN
GSTIN, if applicable
Address Proof Document (to be
uploaded)

Proprietorship/Partnership/Company

Annexure- II to Ministry's Guidelines ref.no.RW/NH-35072/01/2010-S&R(B) dated.....

Application No.

Type of consignment

Unique Identification Number

Origin

Orgin Pincode

Destination

Destination Pincode

Consignor Name

Consignor Address

Consignor City

Consignor GSTIN or PAN

Consignee Name

Consignee Address

Consignee City

Consignee GSTIN or PAN

Consignment Dimensions (in meters)	L	W	H
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Consignment Weight incl.packing			
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weight, if any) in Tonnes			
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Transporter id on ODC Portal			
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Details of document uploaded			
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Details to be updated by Transporter against consignment details submitted by Consignor/Consignee

Application Reference Number	(based on this system will retrieve consignment details as submitted online by consignor/consignee)		
HT type			
Puller Tractor Registration No.	system will retrieve details from Ministry's vahan database based on registration number		
Registered Owner Name			
Expiry date of Permit			
Expiry date of Fitness			
Tax Paid upto			
Attached copy of insurance			
Modular Hydraulic Trailer Registration Number	system will retrieve details from Ministry's vahan database based on registration number		
Registered Owner Name			
Expiry date of Permit			
Expiry date of Fitness			
Tax Paid upto			
Unladen Weight			
Registered laden weight			
Registered Pay load capacity			
Number of axle rows	Transporter can update multiple number of MHT modules based on dimensions and weight of consignment subject to maximum axle rows as per HT type selected above.		
Attachment Type , if any			
Attachment weight			
Overall Dimensions of MHT combination with Puller Tractor and consignment	L	W	H
Driver License Number	system will retrieve details from Ministry's sarthi database based on DL number		
Driver Name			
Father's Name			
Driver address			
Expiry date of DL			
Authorised to driver heavy transport vehicle	Yes/No	system to verify & display	
Gross Unladen weight of MHT combination excluding Puller Tractor	system to compute & display		
Consignment weight as submitted by consignor/consignee			
Gross Laden weight of MHT combination with attachment(if any) and consignment excluding Puller Tractor weight	system to compute & display		
Puller Tractor Number of axle rows	3		
Puller Tractor weight with ballast	25 tonnes		
Wheel base (distance between any two axle rows of MHT)	1.5 m		
Proposed Route			
Origin	system to retrieve from consignor/consignee submission		
Destination	system to retrieve from consignor/consignee submission		
Intermediatory Station	minimum one intermediatory station required for each 100 kms. Of overall journey		
Total Journey Distance	kms		

Portal will permit change of Puller Tractor number and/or MHT number for identical HT type prior to payment of ODC fee, in case of any change prior to commencement of trip.

Portal will permit replacement of eligible driver at all stages from date of application to completion of trip.

Annexure- III to Ministry's Guidelines ref.no.RW/NH-35072/01/2010-S&R(B) dated.....

ONLINE SELF DECLARATION

I/We hereby declare that details and documents uploaded by me/us Ministry's ODC portal for seeking permission to move single indivisible consignment under subject application are true to my/our knowledge and nothing has been concealed.

I/We hereby agree to abide & follow all terms & conditions, imposed by the Ministry in this regard.

I/We as a transporter hereby declare that all the MHT deployed are technically fit and distribute the load evenly on all axle rows of the combination.

1. The ODC/OWC vehicle should display all danger flags and lights and should be accompanied by a pilot vehicle displaying prominently that a over weight/over dimensional consignment is passing. All necessary warning signals shall be provided on the Puller Tractor & MHT such as painting the entire width by yellow and black zebra strips on the front and rear sides, duly marked with retro reflective stickers and installing red lamps to indicate the extreme position of the vehicles clearly for night time driving /parking. Similarly, red flags on both sides should be installed for facilitating demarcation of extreme position of the vehicle during day time._Banner displaying "ODC MOVEMENT may be put at rear most end of the MHT or its combination.
2. Coupling of the trailers along the width of the road (side by side) shall not be permitted. Coupling of the trailers along the length of the road shall be allowed for transportation of single consignment subject to the condition that axle weight for any axle should not be more than 18.0 ton (180.0 kN).
3. The actual programme of movement of the consignment should be intimated to all concerned field officials of MoRT&H/NHAI/NHIDCL before start the movement.
4. The over Dimensional Vehicles/over Weight Vehicle while passing over a bridge should be allowed under supervision and escort of responsible officers of the applicant firm only and at that time no other vehicle be allowed to ply on the bridge , Pilot vehicle to be ensured while moving long combinations HT 4 to HT 13 to ensure safety while passing over bridges.
5. The driver of the Puller Tractor while moving are here by directed to carry:
 - a. Copy of this permission letter along with all its Annexs , self declaration submitted online and uploaded documents.
6. The maximum speed limit of the ODC/OWC carrying vehicle should be equal to or less than 5 km/hour while passing over a bridge and no breaks should be applied while such vehicles moving on the bridge.
7. During movement, the centerline of OWC/ODC must be as close as possible to the centerline of the carriageway with maximum eccentricity of 300 mm measured from centerline of carriageway for singly or dual carriageway bridges.
8. The consignment shall be placed in such a way which result uniform distribution of consignment load over MHT axle rows.
9. The bridges must be observed carefully for any distress before and after each passage of OWC/ODC.
10. ODCs/OWCs should not be moved (a) during earthquakes, and (b) when the wind speed exceeds 40 km/hr.
11. Movement of ODCs/OWCs vehicles over bridges should be a when water current is minimum. Special care shall be taken during monsoon season.