No. C3/ 22375/TC/2014

From

The Transport Commissioner
Thiruvananthapuram.

To

All Deputy Transport Commissioners,
All Regional Transport Officers,
All Joint Regional Transport Officers.

Sir,

Sub:- M.Vs.Dept - Approval for Registration of BMW X3 x Drive 20d(LCI) with automatic transmission(CBU) Passenger car with catalytic converter-M1G & its variants manufactured by M/s Bayerische Motoren Werke AG D-80788 Munich Germany and imported by BMW India Pvt. Ltd – Copy of certificates forwarding reg.

2. Certificate No. AAJN 0117 dtd 11.06.2014 of ARAI.

M/s Platino Classic Pvt. Ltd in their letter dated 21.10.2014 has requested to grant approval for the registration of following BMW Passenger Car– M1G (BS III & BS IV Standards, 5 persons) manufactured by Bayerische Motoren Werke AG D-80788 Munich Germany.

1. BMW X3 x Drive 20d(LCI) with automatic transmission(CBU)
2. BMW X3 x Drive 20d Expedition(LCI) with automatic transmission(CBU)
3. BMW X3 x Drive 20d x Line (LCI) with automatic transmission(CBU)

The Automotive Research Association of India has granted approval to above vehicles and certified that the vehicles comply with the CMV Rules 1989. The details of ARAI certificates has been communicated to your office by E-MAIL.

All the Registering Authorities and Additional Registering Authorities are directed to register the above vehicles subject to the compliance of CMV Rules, 1989 as amended up-to-date. They are also directed to verify the compliance of provision of Act & Rules other than those mentioned in Annexure I & Annexure IA of the ARAI Certificate.

Yours faithfully,

Sd/-

Joint Transport Commissioner
For Transport Commissioner

Copy to the applicant:- M/s Platino Classic Motors (India) Pvt. Ltd, NH Bye Pass Road, Maradu (PO), Cochin-682204 for information.

Approved for Issue

Senior Superintendent

Transport Commissionerate
Kerala, Thiruvananthapuram
Dated: 28.10.2014
FOR COMPLIANCE TO THE CENTRAL MOTOR VEHICLES RULES.

1. In order to establish compliance to the provisions of CMVR, 1989, applicable as on date, documentary verification/ necessary testing was carried out, on the following base model, submitted by the vehicle manufacturer referred below:

<table>
<thead>
<tr>
<th>Documental Reference</th>
<th>Vehicle Importer</th>
<th>Vehicle Manufacturer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Current Certificate</td>
<td>Ms. BMW India Pvt. Ltd., 7th Floor, Tower B, Building No.8, DLF Cyber City, Phase II, Gurgaon, Haryana, India-122002.</td>
<td>Ms. Bayerische Motoren Werke AG D-80788 Munich Germany. Plants: 1. BMW Manufacturing Co., LLC 1600 Highway 161South Greer SC 29651, United States of America 2. ZAO Avtotor Magnitogorskiy St. 4, RUS-360013 Kалининград, Russia 3. Bavarian Auto Manufacturing Company Area 1/10, 4th Industrial Zone, 8th of October City, Egypt</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Diesel Engine Model</th>
<th>Power (kW @ rpm)</th>
<th>cc</th>
<th>Engine Manufacturer</th>
</tr>
</thead>
<tbody>
<tr>
<td>B47D20A</td>
<td>140 kW @ 4000 rpm</td>
<td>1995</td>
<td>Ms. BMW Motoren GmbH, Hinterbergerstr. 2, 4400 Steyr, Austria Plant: Austria.</td>
</tr>
</tbody>
</table>

Base Model | Vehicle Type & Category | Seating Capacity (Incl. Driver) | GVW kg |
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>BMW X3 xDrive20d (LCI) with automatic transmission (CBU)</td>
<td>Passenger car with catalytic converter - M16</td>
<td>5 Persons</td>
<td>2300</td>
</tr>
</tbody>
</table>

1a. Brief technical specifications (No. F25 LCI-X3 xDrive20d-India Rev0 (CBU)) of the vehicle model and its variants, as declared by vehicle manufacturer, are enclosed with this certificate. Detailed specifications (No. F25 LCI-X3 xDrive20d-India Rev0, F25 LCI-X3 xDrive20d-India Rev0) of the vehicle model and its variants, are also separately issued to the vehicle manufacturer.

2. It is certified that the above base model and its variants comply with the provisions of the Central Motor Vehicles Rules, 1989, as amended up-to-date, including following requirements, (as detailed at ANNEXURE-I, IA & IB):

<table>
<thead>
<tr>
<th>Standards</th>
<th>Notification</th>
<th>Date</th>
<th>Effective From</th>
<th>Applicable CMVR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bharat Stage – III</td>
<td>For Notified Areas</td>
<td>GSR 86(E)</td>
<td>20.10.2004</td>
<td>01.04.2005</td>
</tr>
<tr>
<td>Bharat Stage – IV</td>
<td>For Notified Areas</td>
<td>GSR 86(E)</td>
<td>20.10.2004</td>
<td>01.04.2005</td>
</tr>
<tr>
<td>Free Acceleration Smoke</td>
<td>Maximum Smoke Density</td>
<td>GSR 84(E)</td>
<td>09.02.2009</td>
<td>01.04.2010 OB1</td>
</tr>
<tr>
<td>Passby Noise Limits</td>
<td>GSR 103(E)</td>
<td>23.02.2012</td>
<td>01.04.2010 OB2</td>
<td>115(15a), (b)(i)</td>
</tr>
<tr>
<td>Brakes/Lamps/Reflex Reflectors/ Category of vehicle/ Tyres/VIN Number/Safety Glass/Horn/ Seats/ Anchorages and other Safety Components</td>
<td>GSR 111(E)</td>
<td>10.02.2004</td>
<td>01.04.2005</td>
<td>120 (2)</td>
</tr>
<tr>
<td>Temporary use spare wheel or tyre/ Run Flat Tyre</td>
<td>S.O. 1385(E)</td>
<td>13.12.2004</td>
<td>01.04.2005</td>
<td>120 (2)</td>
</tr>
<tr>
<td>GSR 68(E)</td>
<td>16.09.2005</td>
<td>01.04.2005</td>
<td>120 (2)</td>
<td></td>
</tr>
<tr>
<td>GSR 78(E)</td>
<td>12.11.2006</td>
<td>01.04.2005</td>
<td>120 (2)</td>
<td></td>
</tr>
<tr>
<td>S.O. 436(E)</td>
<td>16.03.2012</td>
<td>01.04.2005</td>
<td>120 (2)</td>
<td></td>
</tr>
<tr>
<td>GSR 625(E)</td>
<td>08.06.2012</td>
<td>08.08.2012</td>
<td>95 (7)</td>
<td></td>
</tr>
</tbody>
</table>

3. This certificate is issued as per DGFT Notification No. 4(RE-2001)1997-2002 dt. March 31, 2001 and further amendment therein, as applicable.

4. This Certificate is issued as per CMV Rule 126, to establish compliance with the Central Motor Vehicles Rules, 1989, and shall not be construed as a certificate of compliance to any rules other than those listed in ANNEXURE-I, IA & IB. Compliance to these rules has been verified based on the use of specific components/parts/ assemblies etc. details of which are given in the detailed specifications duly endorsed by ARAI as mentioned at Para. 1a above. It is the vehicle manufacturer's responsibility to ensure fitment of some components / parts / assemblies etc. before submission of the vehicle for registration.

AUTHORISED SIGNATORY,

Mrs. RASHMI URDHWARESHI,
SR. DEPUTY DIRECTOR,
HOMOLOGATION MANAGEMENT & REGULATION,
ARAI, PUNE.

Authorised Signatory,
## ANNEXURE-I

To
CMVR CERTIFICATE No. A A J N 0117 dated: 11th June 2014

Following rules are verified and found to be complying.

<table>
<thead>
<tr>
<th>Rule No.</th>
<th>Sub Rules</th>
</tr>
</thead>
<tbody>
<tr>
<td>93 - Overall dimension of motor vehicles</td>
<td>(1), (2), (4), (6) &amp; (7)</td>
</tr>
<tr>
<td>94 - Condition of tyres</td>
<td>(1), (2) &amp; (3)</td>
</tr>
<tr>
<td>95 - Size &amp; Ply rating of Tyres</td>
<td>(1), (2), (3), (4), (5), (6), (7), (8), (9) &amp; (10)</td>
</tr>
<tr>
<td>Fr &amp; Rr: 245/60 R18 100W/ 225/60 R17 99V (Radial - Tubeless - Run Flat Tyre)</td>
<td>As amended by GSR 625(E) dt. 08.06.2012 (AIS 110:2009)</td>
</tr>
<tr>
<td>Make: Pirelli, Germany</td>
<td></td>
</tr>
<tr>
<td>96 Brakes Fitted with ABS</td>
<td>(1), (2), (3) &amp; (4)</td>
</tr>
<tr>
<td>Part 1 to 8 as applicable</td>
<td>As amended by GSR 734(E)-Ref. ANNEXURE IB</td>
</tr>
<tr>
<td>Part 9 IS:11852 w.e.f. 01.04.06</td>
<td>(1), (2) &amp; (3)</td>
</tr>
<tr>
<td>96B - High Speed Brake Requirements IS:1952-2001-Part3 w.e.f. 31.05.03</td>
<td></td>
</tr>
<tr>
<td>98 - Steering gear IS:11948-1999 w.e.f. 01.05.03</td>
<td>(1), (2) &amp; (3)</td>
</tr>
<tr>
<td>99 - Forward and backward motion</td>
<td></td>
</tr>
<tr>
<td>100 - Safety glass</td>
<td>(1), (2) &amp; (3)</td>
</tr>
<tr>
<td>101 - Windscreen wiper AIS:019/2001 w.e.f. 01.01.03</td>
<td>As amended by GSR 734(E)-Ref. ANNEXURE IB</td>
</tr>
<tr>
<td>102 - Signalling devices, direct on indicators and stop lights</td>
<td>(1) &amp; (2)</td>
</tr>
<tr>
<td>103 - Position of the indicator</td>
<td>(1) &amp; (2)</td>
</tr>
<tr>
<td>104 - Fitment of reflectors AIS:057:2005 w.e.f. 01.04.06</td>
<td>(1)</td>
</tr>
<tr>
<td>105 - Lamps</td>
<td>(1) &amp; (2), (3), (4) &amp; (7)</td>
</tr>
<tr>
<td>106 - Deflection of lights</td>
<td>(1)</td>
</tr>
<tr>
<td>107 - Use of red or white lights</td>
<td>(1)</td>
</tr>
<tr>
<td>109 - Parking light</td>
<td></td>
</tr>
<tr>
<td>111 - Prohibition of spotlights etc.</td>
<td></td>
</tr>
<tr>
<td>112 - Exhaust gases</td>
<td></td>
</tr>
<tr>
<td>113 - Location of exhaust pipes</td>
<td></td>
</tr>
<tr>
<td>115 - Emission of smoke, vapour, etc. from motor vehicle</td>
<td>(1), (2) &amp; (3), (4), (5) &amp; (6)</td>
</tr>
<tr>
<td>117 - Speedometer</td>
<td>(1) &amp; (2)</td>
</tr>
<tr>
<td>119 - Horns</td>
<td>As amended by GSR 784(E)-Ref. ANNEXURE IB</td>
</tr>
<tr>
<td>Performance IS:1884-1993 w.e.f. 18.03.99</td>
<td>(1) &amp; (2)</td>
</tr>
<tr>
<td>Installation AIS:014/2001 w.e.f. 01.01.03</td>
<td></td>
</tr>
<tr>
<td>120 Silencers</td>
<td>As amended by GSR 784(E)-Ref. ANNEXURE IB</td>
</tr>
<tr>
<td>IS:3028-1998 w.e.f. 01.01.03</td>
<td>(1)</td>
</tr>
<tr>
<td>122 - Embossment of the Chassis Number &amp; Engine Number and date of manufacture (Ref: Table No.11 of the Technical Specifications)</td>
<td>(1) &amp; (2)</td>
</tr>
<tr>
<td>MoRTTH Notl. 111(E) dt. 10.02.04 w.e.f. 01.04.06</td>
<td></td>
</tr>
<tr>
<td>124 Safety standards of components as applicable</td>
<td>Refer ANNEXURE-IA</td>
</tr>
<tr>
<td>S. O. 1365(E) dt. 13.12.2004 Notified dates</td>
<td>As amended by GSR 784(E)-Ref. ANNEXURE IB</td>
</tr>
<tr>
<td>125 Safety Belt, Seats &amp; their Anchorages</td>
<td>(1), (1A) &amp; (5)</td>
</tr>
<tr>
<td>01.10.2002 &amp; 01.01.2003</td>
<td></td>
</tr>
<tr>
<td>Rear View Mirror Specifications AIS:001 - 2001</td>
<td>(2)</td>
</tr>
<tr>
<td>Installation AIS:002 - 2001</td>
<td></td>
</tr>
<tr>
<td>138 Warning Triangles-Size &amp; Specifications AIS:022-2001</td>
<td>(4), (5)</td>
</tr>
<tr>
<td>01.01.2003</td>
<td>As amended by GSR 625(E) dt. 08.06.2012</td>
</tr>
<tr>
<td>Engine Power</td>
<td></td>
</tr>
</tbody>
</table>

**AUTHORISED SIGNATORY,**

![Signature](signature1)

Mrs. RASHMI URDHWARESHE,
SR. DEPUTY DIRECTOR,
HOMOLOGATION MANAGEMENT & REGULATION,
ARAI, PUNE.

---

**AUTHORISED SIGNATORY,**

![Signature](signature2)

D. J. KULKARNI,
SR. DEPUTY DIRECTOR,
BDCP, ARAI, PUNE.

---

**Ref.**
APEX Doc. No. 2013-2014/8424
Emission Test Report No TA-2010(Bharat Stage IV) ELTR/14-16/34 Dt. 15.05.14
TA-2010(Bharat Stage IV OBD II) ELTR/13-14/3 Dt. 17.05.13
<table>
<thead>
<tr>
<th>Rule 124 (1)</th>
<th>Sr. No.</th>
<th>Particulars</th>
<th>Compliance Verified for</th>
<th>Passenger Car</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1.</td>
<td>Automobile Lamps</td>
<td>AIS-034/2004</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2.</td>
<td>Hydraulic Brake Hose</td>
<td>IS:7079-2008</td>
<td></td>
</tr>
<tr>
<td></td>
<td>5.</td>
<td>Steering Impact</td>
<td>IS:11936-1986</td>
<td>Not Applicable</td>
</tr>
<tr>
<td></td>
<td>8.</td>
<td>Wheel Rims</td>
<td>IS:9438-1980</td>
<td></td>
</tr>
<tr>
<td></td>
<td>15.</td>
<td>Accelerator Control System</td>
<td>IS:14263-1996</td>
<td></td>
</tr>
<tr>
<td></td>
<td>16.</td>
<td>Door Locks and Door Retention Components</td>
<td>IS:14225-1996</td>
<td></td>
</tr>
<tr>
<td></td>
<td>17.</td>
<td>Hood Latch</td>
<td>IS:14226-1995</td>
<td></td>
</tr>
<tr>
<td></td>
<td>18.</td>
<td>Tail TIts symbols and control</td>
<td>AIS-071-2009 (Part 1 &amp; Part 2)</td>
<td>w.e.f 15.03.13</td>
</tr>
<tr>
<td></td>
<td>20.</td>
<td>Installation of Lighting/ Signalling Devices</td>
<td>Performance Requirements</td>
<td>AIS-012/2004</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>With Vertical Orientation</td>
<td>AIS-008 (Rev. 1)-2010</td>
</tr>
<tr>
<td></td>
<td>21.</td>
<td>EMI</td>
<td>AIS-004 (Part 1)-1999</td>
<td></td>
</tr>
<tr>
<td></td>
<td>23.</td>
<td>Gradeability</td>
<td>AIS-003/1999</td>
<td></td>
</tr>
<tr>
<td></td>
<td>31.</td>
<td>Fuel Consumption (On Driving Cycle)</td>
<td>Carbon Balance Method</td>
<td></td>
</tr>
<tr>
<td></td>
<td>34.</td>
<td>Driver’s field of vision for new vehicles of M1 Category</td>
<td>AIS-021/2004</td>
<td>w.e.f 01.04.06</td>
</tr>
<tr>
<td></td>
<td>38.</td>
<td>The Interior fittings on automotive vehicles (New Models - M1 Category)</td>
<td>IS:15223-2002</td>
<td>w.e.f 01.04.05</td>
</tr>
</tbody>
</table>

**Compliance to additional requirements for M1 Category of vehicles**

| 7(b) | Plastic fuel tanks of motor vehicles having more than three wheels | IS:15647-2005 | w.e.f 01.04.08 |
| 41.  | Requirements for bumpers fitted on M1 category of vehicles       | AIS:006-2006   | w.e.f 01.04.06 |
| 45.  | The arrangement and mode of operation of foot controls on M1 category of vehicles | AIS:035-2006 | w.e.f 01.04.06 |
| (a)  | Requirements of demisting systems for M1 category of motor vehicles (New models) | AIS:84 (Part 1)-2008 | w.e.f 01.04.11 |
| (b)  | Requirements of defrosting systems in M1 category of motor vehicles (New models) | AIS:84 (Part 2)-2008 | w.e.f 01.04.11 |

AUTHORIZED SIGNATORY,

Mrs. RASHMI URDHWARESHE,
SR. DEPUTY DIRECTOR,
HOMOLOGATION MANAGEMENT & REGULATION,
ARAI, PUNE.

AUTHORIZED SIGNATORY,

D. J. KULKARNI,
SR. DEPUTY DIRECTOR,
BDCP, ARAI, PUNE.
# ANNEXURE-IB

CMVR CERTIFICATE No. A A J N 0117 dated: 11th June 2014

## CMV Rule 2 (iv)
Definitions (Classification of the Vehicle) - M1G

<table>
<thead>
<tr>
<th>Test Standards</th>
<th>Effective From</th>
<th>Compliance Verified</th>
</tr>
</thead>
<tbody>
<tr>
<td>AIS0832005</td>
<td>12.11.2008</td>
<td>✓</td>
</tr>
</tbody>
</table>

## CMV Rule 96(1)
Size and Ply rating of tyres

<table>
<thead>
<tr>
<th>Test Standards</th>
<th>Effective From</th>
<th>Compliance Verified</th>
</tr>
</thead>
<tbody>
<tr>
<td>IS156332005</td>
<td>01.04.2009</td>
<td>✓</td>
</tr>
</tbody>
</table>

## CMV Rule 122(1)
Vehicle Identification number including month and year of manufacture.

<table>
<thead>
<tr>
<th>Test Standards</th>
<th>Effective From</th>
<th>Compliance Verified</th>
</tr>
</thead>
<tbody>
<tr>
<td>AIS0652005</td>
<td>01.04.2009</td>
<td>✓</td>
</tr>
</tbody>
</table>

## CMV Rule 125(1), (1A) & (6)
Safety Belt, Seats & their Anchorages

<table>
<thead>
<tr>
<th>Test Standards</th>
<th>Effective From</th>
<th>Compliance Verified</th>
</tr>
</thead>
<tbody>
<tr>
<td>IS151402003, IS151392002, IS156462005</td>
<td>01.04.2009</td>
<td>✓</td>
</tr>
</tbody>
</table>

### CMV Rule 124(4) The procedure for type approval and establishing conformity of production for components

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Applicable for M / N Category</th>
<th>Test Standards</th>
<th>Effective From</th>
<th>Compliance Verified</th>
</tr>
</thead>
<tbody>
<tr>
<td>1, 2, 3 &amp; 4</td>
<td>Safety Glass, Brake Hose, Horn, Tyre</td>
<td>AIS0372004</td>
<td>01.04.2009</td>
<td>✓</td>
</tr>
<tr>
<td>7, 8, 10, 11, 12, 13, 14</td>
<td>Bulb, Rear View Mirror, Safety Belt (Only for M1), Wheel Rims, Lighting and light signaling devices, Reflector and Warning Triangle</td>
<td>AIS0372004</td>
<td>01.10.2009</td>
<td>✓</td>
</tr>
<tr>
<td>19 &amp; 20</td>
<td>Door locks and Door Retention Components, Fuel Tanks</td>
<td>AIS0372004</td>
<td>01.04.2010</td>
<td>✓</td>
</tr>
</tbody>
</table>

### Disclaimer:

1. ARAI issues "Type Approval Certificates" (TAC) for vehicles/components/ parts/ assemblies etc. based on the documents produced and /or prototype/s submitted by the applicant and testing thereof.

2. ARAI issues TAC in compliance to Motor Vehicle Act / Central Motor Vehicles Rules and their provisions as amended from time to time or any other statutory orders under which ARAI is authorised. Other Rules/ Acts are outside the purview of TAC.

3. Test(s) on prototype(s) is/are carried out on the basis of standard procedures as notified under specific rules. Results of such tests are the property of bearer of TAC. These results cannot be disclosed unless specifically so ordered by Government, Court, etc.

4. The bearer of the TAC is under obligation to ensure production strictly as per the provisions of the specific TAC.

5. ARAI is not responsible for testing each vehicles/components/ parts/ assemblies etc. for which TAC is issued. Further, ARAI is not responsible for ensuring manufacturing quality of the type approved vehicles/components/ parts/ assemblies etc.

6. ARAI is in no way responsible for any misuse or copying of any design/ type/ system in connection with entire vehicle/ components/ parts and assemblies covered under the TAC.

7. Breach of any statutory provision of Indian laws or laws of other countries, will be the sole responsibility of the bearer of TAC and ARAI shall not be liable for any claims or damages. The bearer shall alone be liable for the same, and shall undertake to indemnify ARAI in this regard.

8. ARAI has the right, but not under obligation, to initiate cancellation/ withdrawal of the certificate issued, in case of any fraud, misrepresentation, when it surfaces and comes in the knowledge of ARAI.

The appropriate local courts at Pune shall have the jurisdiction in respect of any dispute, claim or liability arising out of this certificate/ Report.

**AUTHORISED SIGNATORY**,  
Mrs. RASHMI URDHWARESHE,  
SR. DEPUTY DIRECTOR,  
HOMOLOGATION MANAGEMENT & REGULATION,  
ARAI, PUNE.

**AUTHORISED SIGNATORY**,  
D.J. KULKARNI,  
SR. DEPUTY DIRECTOR,  
BDCP, ARAI, PUNE.
### VEHICLE DATA

**Basic Model:**

- **Type (brief description):** BMW X3 xDrive20d (LCI) with automatic transmission (CBU)

**Variant 1:**

- **Type (brief description):** BMW X3 xDrive20d Expedition (LCI) with automatic transmission (CBU)

**Variant 2:**

- **Type (brief description):** BMW X3 xDrive20d xLine (LCI) with automatic transmission (CBU)

### ENGINE

- **Make & country of origin, If Imported:** BMW, Germany

- **Model & Identification:** B47D20A

- **Type:** compression ignition

- **Bore x Stroke, mm:** 84,0 x 90,0

- **Number of cylinders:** 4

- **Displacement:** 1995 cm³

- **Compression ratio:** 16,50±0,80

- **Max. Engine Output, kW @ rpm:** 140 kW (TAP 115/116) @ 4000 rpm +/- 2%

- **Max. Torque, Nm @ rpm:** 400 Nm at 1750 - 2500 rpm

- **Air cleaner type:** Paper filter

### CLUTCH

- **Type:** mechanical-hydraulic: Hydraulic torque converter with converter lockup clutch

### Importers name and address (in case of CBU)

- **BMW India Pvt. Ltd.,**
  7th Floor, Tower B, Building No.8,
  DLF Cyber City, Phase II
  1400 Highway 101 South Greer SC 29651
  United States of America

- **1. BMW Manufacturing Co., LLC**
  Magnitogorskaya St. 4, RUS-236013 Kaliningrad, Russia

- **2. ZAO Avtotor**
  Bavarian Auto Manufacturing Company
  Area 1/10, 4th Industrial Zone, 6th of October City, Egypt

### Country of Origin, If Imported

- **Bayerische Motoren Werke AG**
  D-80788 Munich
  Germany

### Table 7 of AIS007 Rev 4, Ammd 1.

**BRIEF TECHNICAL SPECIFICATIONS**

**Manufacturers name and Address**

- **Bayerische Motoren Werke AG**
  D-80788 Munich
  Germany

**Importers name and address (in case of CBU)**

- **BMW India Pvt. Ltd.,**
  7th Floor, Tower B, Building No.8,
  DLF Cyber City, Phase II
  1400 Highway 101 South Greer SC 29651
  United States of America

- **1. BMW Manufacturing Co., LLC**
  Magnitogorskaya St. 4, RUS-236013 Kaliningrad, Russia

- **2. ZAO Avtotor**
  Bavarian Auto Manufacturing Company
  Area 1/10, 4th Industrial Zone, 6th of October City, Egypt

**Country of Origin, If Imported**

- **Bayerische Motoren Werke AG**
  D-80788 Munich
  Germany

**Importers name and address (in case of CBU)**

- **BMW India Pvt. Ltd.,**
  7th Floor, Tower B, Building No.8,
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  Bavarian Auto Manufacturing Company
  Area 1/10, 4th Industrial Zone, 6th of October City, Egypt

**Vehicle data**

- **Basic Model:** BMW X3 xDrive20d (LCI) with automatic transmission (CBU)

**Variant 1:**

- **Type (brief description):** BMW X3 xDrive20d Expedition (LCI) with automatic transmission (CBU)

**Variant 2:**

- **Type (brief description):** BMW X3 xDrive20d xLine (LCI) with automatic transmission (CBU)

**Passenger car with catalytic converter M1G**

**n.a.**

**n.a.**

**n.a.**

### ENGINE

- **Make & country of origin, If Imported:** BMW, Germany

- **Model & Identification:** B47D20A

- **Type:** compression ignition

- **Bore x Stroke, mm:** 84,0 x 90,0

- **Number of cylinders:** 4

- **Displacement:** 1995 cm³

- **Compression ratio:** 16,50±0,80

- **Max. Engine Output, kW @ rpm:** 140 kW (TAP 115/116) @ 4000 rpm +/- 2%

- **Max. Torque, Nm @ rpm:** 400 Nm at 1750 - 2500 rpm

- **Air cleaner type:** Paper filter

### CLUTCH

- **Type:** mechanical-hydraulic: Hydraulic torque converter with converter lockup clutch

### Document No.

- **F25 LCI-X3 xDrive20d-India Rev0 (CBU)**

### Test Agency

- **Manufacturer:** BMW India Pvt Ltd

- **Test Agency:** ARAI

- **Signature:** Mrs. Rashmi Urdhwaresh, Sr. Deputy Director, HOMOLOGATION MANAGEMENT & REGULATION, ARAI PUNE

- **Date:** 11.04.2014

- **Name:** Frank Emanuel Schloedter

- **Designation:** Director Marketing

- **Date:** 11.04.2014
GEAR BOX
Make & Model: BMW automatic
Type / Model: Automatic, 8-speed
Number of gears:

<table>
<thead>
<tr>
<th>Gear Box Ratio</th>
<th>Overall Ratio</th>
</tr>
</thead>
<tbody>
<tr>
<td>1st :</td>
<td>4.714</td>
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<tr>
<td>2nd:</td>
<td>3.143</td>
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<tr>
<td>3rd:</td>
<td>2.106</td>
</tr>
<tr>
<td>4th:</td>
<td>1.667</td>
</tr>
<tr>
<td>5th:</td>
<td>1.285</td>
</tr>
<tr>
<td>6th:</td>
<td>1.000</td>
</tr>
<tr>
<td>7th:</td>
<td>0.839</td>
</tr>
<tr>
<td>8th:</td>
<td>0.667</td>
</tr>
<tr>
<td>Overdrive</td>
<td>---</td>
</tr>
<tr>
<td>Reverse</td>
<td>3.295</td>
</tr>
</tbody>
</table>

Drive Axle (Front / Rear / All)
Front axle ratio: n.a.
Rear axle ratio: 3.077

STEERING
Type and brief description: Mechanical axle pivot steering acting upon the front wheels with power assisted steering equipment, optional with driver
Steering Wheel diameter, mm: 380 / 383 / 385
Ratio: see attachment: 07LG-0025-01, 02

FRAME
Long member size, mm: n.a.
Number of cross members: n.a.

SUSPENSION
Type & brief description:
Front: Independent wheel suspension, double joint spring strut type axle with tension rod and transverse link
Rear: Independent five-link suspension
Spring: Coil Spring
Anti-roll bar: Yes
Shock Absorbers: Dual tube shock absorbers

Test Agency: Manufacturer
F25 LCI-X3 xDrive20d-India Rev0 (CBU)
BMW India Pvt Ltd

Signature
Mrs. Rashmi Urdhwareshe
Sr. Deputy Director
HOMOLOGATION MANAGEMENT & REGULATION, ARAI PUNE
Date: 11.04.2014
**BRAKE**
- Service Brake (brief description): Hydraulic
- ABS Fitted (YES / NO / Optional): YES
- front (Disc / Drum): Disc Brake
- rear (Disc / Drum): Disc Brake
- Total braking area, cm²:
  - Front
  - Rear
- Parking brake:
  - front: 10460 cm² / wheel
  - rear: 7000 cm² / wheel

**ELECTRICAL SYSTEM**
- System Voltage, V: 12
- Battery Rating, Ah: 90
- Wiper Motor: Power operated
- Wiping system (brief description):
  - 2 windscreen wipers driven by electric motor, Washer fluid delivered by electric pump through nozzles.

**WHEELS AND TYRES**
- Wheel rim size: 8Jx18, 7 1/2Jx17
- Tyre size designation including ply rating / load index / load rating:
  - Front: 245/50 R18 100W
  - Rear: 225/60 R17 99V
- Tyre type (Radial / Cross / Tube / Tubeless): Radial, Tubeless, Run Flat
- Laden tyre pressure (front & rear), kg/cm²:
  - Front: 275 kPa +/- 75 kPa
  - Rear: 275 kPa +/- 75 kPa

**FUEL TANK**
- Material: Plastic
- Capacity, l: 67

---

**Document No.**

<table>
<thead>
<tr>
<th>Test Agency</th>
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</tr>
</thead>
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<td>F25 LCI-X3 xDrive20d-India Rev0 (CBU)</td>
<td>BMW India Pvt Ltd</td>
</tr>
</tbody>
</table>

**Signature**

- Name: Mrs. Rashmi Urdhwareshe
- Designation: Sr. Deputy Director
- Date: 11.04.2014

---

**Progress through Research**

**THE AUTOMOTIVE RESEARCH ASSOCIATION OF INDIA**

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**HOMOLOGATION MANAGEMENT & REGULATION, ARAI PUNE**

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**AAJN 0117 dt. 11.06.2014**

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**Test Agency**

**AAJN 0117 dt. 11.06.2014**

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**Page 3 of 8**
### DIMENSIONS
- Wheelbase, mm: 2810
- Overall width, mm: 1881
- Overall length, mm: 4657
- Overall height, mm: 1661
- Front track, mm: 1616
- Rear track, mm: 1632
- Min. ground clearance, mm: 212
- Cargo box dimensions, mm: n.a.
- Load body platform area: n.a.

### WEIGHTS
- GVW, kg (for rigid vehicles): 2300
- GCW, kg (for articulated / Combination vehicles): n.a.
- FAW, kg: 1020
- RAW, kg: 1280
- Kerb Weight with 90% fuel (with spare wheel, tools, etc): 1863

Maximum Gradeability in 1st gear: 17° (30 %)

### SEATING
- Seating Capacity: 5 (including the driver)
- Sketch showing seating layout with dimensions: see attachment: 09SI-0F25-I4

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<table>
<thead>
<tr>
<th>Document No.</th>
<th>F25 LCI-X3 xDrive20d-India Rev0 (CBU)</th>
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<td>Manufacturer</td>
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<td>BMW India Pvt Ltd</td>
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</table>

Signature

Name: Frank Emanuel Schloeder
Designation: Director Marketing
Date: 11.04.2014

[Signature]

Mrs. Rashmi Urdhwareshe
Sr. Deputy Director
HOMOLOGATION MANAGEMENT & REGULATION, ARAI PUNE

[Stamp]
Name of the Vehicle Manufacturer & Address: Bayerische Motoren Werke AG  
D-80788 Munich  
Germany  
**Importers:** BMW India Pvt., Ltd.,  
7th Floor, Tower B, Building No.8,  
DLF Cyber City, Phase II  
Gurgaon, Haryana, India - 122002

**Address Of Plant location:**  
1. BMW Manufacturing Co., LLC  
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United States of America  
2. ZAO Avtotor  
Magnitogorsksaya St. 4,RUS-236013 Kaliningrad,Russia  
3. Bavarian Auto Manufacturing Company  
Area 1/10, 4th Industrial Zone,6th of October City,Egypt

Name of the basic model: BMW X3 xDrive20d (LCI) with automatic transmission (CBU)

Name of Variants, if any:  
**Variant 1:** BMW X3 xDrive20d Expedition (LCI) with automatic transmission (CBU)  
**Variant 2:** BMW X3 xDrive20d xLine (LCI) with automatic transmission (CBU)

Place of Embossing or etching the Chassis Number  
(Supporting details by drawing or pictures may be In the engine compartment  
(Refer E.g., 2)

**Code for month of production:**

<table>
<thead>
<tr>
<th>Month</th>
<th>Code</th>
<th>Month</th>
<th>Code</th>
<th>Year</th>
<th>Code</th>
<th>Year</th>
<th>Code</th>
<th>Year</th>
<th>Code</th>
<th>Year</th>
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</thead>
<tbody>
<tr>
<td>Jan</td>
<td>A</td>
<td>Jul</td>
<td>G</td>
<td>2014</td>
<td>C</td>
<td>2020</td>
<td>J</td>
<td>2026</td>
<td>R</td>
<td>2032</td>
<td>Y</td>
</tr>
<tr>
<td>Feb</td>
<td>B</td>
<td>Aug</td>
<td>H</td>
<td>2015</td>
<td>D</td>
<td>2021</td>
<td>K</td>
<td>2027</td>
<td>S</td>
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<tr>
<td>Mar</td>
<td>C</td>
<td>Sep</td>
<td>J</td>
<td>2016</td>
<td>E</td>
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<td>M</td>
<td>2029</td>
<td>V</td>
<td>2035</td>
<td>3</td>
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<tr>
<td>May</td>
<td>E</td>
<td>Nov</td>
<td>L</td>
<td>2018</td>
<td>G</td>
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<td>N</td>
<td>2030</td>
<td>W</td>
<td>2036</td>
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<td>Dec</td>
<td>M</td>
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<td>H</td>
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<td>P</td>
<td>2031</td>
<td>X</td>
<td>2037</td>
<td>5</td>
</tr>
</tbody>
</table>

**Position of the code for month of production in the Chassis number:**  
Below the VIN (Refer E.g., 2)

**Position of the code for year of production in the Chassis number:**  
Below the VIN (Refer E.g., 2)

**Height of the Chassis number:**  
7 mm

**Example of VIN and Engine No:**

**Example1:** VIN Plate: With Location of the riveted plate

VIN number: WBA3Y37020DZ3000  
Engine number: 77088598  
BMW part-No. of the label: AD

**Example 2:** VIN System: With Location of the VIN System

---

**Signature:**  
Frank Emanuel Schloeder  
Director Marketing  
Date: 11.04.2014

**Test Agency:**  
Ms. Rashmi Urdhwareshe  
Sr. Deputy Director  
HOMOLOGATION MANAGEMENT & REGULATION, ARAI PUNE

**Document No.:** F25 LCI-X3 xDrive20d-India Rev0 (CBU)
Steering equipment with power assistance

Wirksamer Lenkhebelarm
Effective steering arm

Lenkradumdrehungen
Steering wheel turn

Übersetzung
Transmission ratio

Lenkwinkel
Steering angle

Mittlere Winkelübersetzung
Mean angular ratio

Für Rechtslenker: Anordnung entsprechend
For right-hand drive: Corresponding configuration
Basislenkung

Zahnstangenlenkung mit Hilfskraftunterstützung
Rack and pinion steering with power assisted steering

Wirksamer Lenkhebelarm
Effective steering arm

a = 146,9 mm

Lenkradumdrehungen
Steering wheel turn

c = 3,04

Übersetzung
Transmission ratio

i = 54,0 mm/Umdrehung
mm/revolution

Lenkwinkel
Steering angle

b = 70° 6'

Mittlere Winkelübersetzung $i = \frac{c \times 360}{b}$
Mean angular ratio

i = 15,6

Für Rechtslenker: Anordnung entsprechend
For right-hand drive: Corresponding configuration
<table>
<thead>
<tr>
<th>Anlage</th>
<th>Benennung</th>
<th>Datum/Date geändert/modified</th>
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<tr>
<td>09SI-0F25-I4</td>
<td>Sitzlayout und Fahrzeugdimensionen</td>
<td>24.04.2014</td>
</tr>
</tbody>
</table>

Seating layout and vehicle dimensions

1) Height without antenna is 1661mm