

## INSTITUTO DE KM

*Tire Inspection Report - List of Codes*

**Order: Code**

**Parameter:** IKM/XXX

**RCD008**

2016-03-15

# 1 / 6

| Code | Description                | R.Call    | Recommended action    | Report | Prior | VIP | Syst | Exp | Simb                                                                                  |
|------|----------------------------|-----------|-----------------------|--------|-------|-----|------|-----|---------------------------------------------------------------------------------------|
| 000  | Not Inspected              | 50.00[11] | No Action. Flag Only. | 3      | 6     | N   | Y    | Y   |                                                                                       |
| 100  | High Risk Tire - Danger    | 20.00[1]  | Immediate Removal     | 1      | 1     | Y   | Y    | Y   |    |
| 101  | Large Sidewall Damage      | 20.00[3]  | Repair Tire NOW       | 1      | 2     | Y   | Y    | Y   |    |
| 102  | Large Crown Damage         | 20.00[3]  | Repair Tire NOW       | 1      | 2     | Y   | Y    | Y   |    |
| 103  | Large Bead Damage          | 20.00[3]  | Repair Tire NOW       | 1      | 2     | Y   | Y    | Y   |    |
| 104  | Run Flat                   | 5.00[1]   | Immediate Removal     | 1      | 2     | Y   | Y    | Y   |    |
| 105  | Damaged Wheel              | 100.00[7] | Repair Vehicle NOW    | 1      | 2     | Y   | Y    | Y   |    |
| 106  | Immediate Removal          | 1.00[1]   | Immediate Removal     | 1      | 1     | Y   | Y    | Y   |    |
| 107  | Serious Vehicle Problem    | 1.00[7]   | Repair Vehicle NOW    | 2      | 3     | Y   | Y    | Y   |  |
| 109  | Excessive Wheel Rust       | 5.00[8]   | Repair Vehicle ASAP   | 2      | 4     | N   | Y    | Y   |  |
| 110  | Puncture in Tread          | 100.00[8] | Repair Vehicle ASAP   | 1      | 3     | Y   | Y    | Y   |  |
| 111  | Flat Tire                  | 1.00[2]   | Remove ASAP           | 1      | 1     | Y   | Y    | Y   |  |
| 112  | Missing Lug Nut            | 0.00[1]   | Immediate Removal     | 2      | 3     | Y   | Y    | Y   |  |
| 113  | Drilling - Stone           | 15.00[3]  | Repair Tire NOW       | 1      | 1     | Y   | N    | Y   |  |
| 200  | Warning Tire - Scrap       | 5.00[1]   | Immediate Removal     | 1      | 3     | Y   | Y    | Y   |  |
| 201  | Light Sidewall Damage      | 5.00[2]   | Remove ASAP           | 1      | 4     | Y   | Y    | Y   |  |
| 202  | Sidewall Puncture          | 0.00[5]   | Repair Tire ASAP      | 1      | 3     | N   | Y    | Y   |  |
| 203  | Irregular Wear [Inspector] | 0.00[5]   | Repair Tire ASAP      | 3      | 3     | N   | Y    | Y   |  |
| 204  | Mismatched [Inspector]     | 0.00[8]   | Repair Vehicle ASAP   | 1      | 3     | N   | Y    | Y   |  |
| 205  | Vehicle Maintenance        | 0.00[11]  | No Action. Flag Only. | 2      | 4     | N   | Y    | Y   |  |
| 206  | Rotation Required          | 0.00[8]   | Repair Vehicle ASAP   | 1      | 4     | N   | Y    | Y   |  |

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|-----------------------------------------------------------------------------------------------|---------------------------|----------------------------------------|
| <b>INSTITUTO DE KM</b><br><i>Tire Inspection Report - List of Codes</i><br><b>Order: Code</b> | <b>Parameter:</b> IKM/XXX | <b>RCD008</b><br>2016-03-15<br># 2 / 6 |
|-----------------------------------------------------------------------------------------------|---------------------------|----------------------------------------|

| Code | Description                                                                                                            | R.Call | Recommended action         | Report | Prior | VIP | Syst | Exp | Simb                                                                                  |
|------|------------------------------------------------------------------------------------------------------------------------|--------|----------------------------|--------|-------|-----|------|-----|---------------------------------------------------------------------------------------|
| 207  | Incompatible Design [Inspector]                                                                                        | 0.00   | [4] Remove IF Needed       | 1      | 4     | N   | Y    | Y   |    |
| 208  | Missing Valve Cap                                                                                                      | 1.00   | [11] No Action. Flag Only. | 1      | 5     | N   | Y    | Y   |    |
| 209  | Damaged Valve Stem                                                                                                     | 1.00   | [6] Repair IF Needed       | 1      | 5     | N   | Y    | Y   |    |
| 210  | Sidewall Damage due to dragging                                                                                        | 5.00   | [6] Repair IF Needed       | 1      | 5     | N   | Y    | Y   |    |
| 211  | Fatigue Casing Traces                                                                                                  | 10.00  | [4] Remove IF Needed       | 1      | 4     | N   | Y    | Y   |    |
| 212  | Vehicle just arrived - Tires Too Hot<br>Vehicle just arrived from the road. Tire too hot to have air pressure checked. | 0.00   | [4] Remove IF Needed       | 1      | 6     | N   | Y    | Y   |    |
| 213  | Inaccessible Valve Stem                                                                                                | 0.00   | [11] No Action. Flag Only. | 1      | 3     | N   | Y    | Y   |    |
| 214  | Road Hazardous                                                                                                         | 1.00   | [6] Repair IF Needed       | 3      | 2     | Y   | Y    | Y   |    |
| 215  | Mismount Tire/Wheel<br>Unconcentric Bead Seat                                                                          | 1.00   | [1] Immediate Removal      | 1      | 5     | Y   | Y    | Y   |    |
| 216  | Misalignment                                                                                                           | 0.00   | [5] Repair Tire ASAP       | 3      | 3     | N   | Y    | Y   |  |
| 217  | Incompatible Design Width                                                                                              | 0.00   | [8] Repair Vehicle ASAP    | 1      | 4     | N   | Y    | Y   |  |
| 300  | Worn Out - Recap [Inspector]                                                                                           | 25.00  | [8] Repair Vehicle ASAP    | 1      | 2     | N   | Y    | Y   |  |
| 301  | Repair Required                                                                                                        | 25.00  | [3] Repair Tire NOW        | 1      | 3     | N   | Y    | Y   |  |
| 302  | Inspected Normal                                                                                                       | 0.00   | [3] Repair Tire NOW        | 1      | 6     | N   | Y    | Y   |  |
| 303  | Check Air Pressure [Inspector]                                                                                         | 2.00   | [11] No Action. Flag Only. | 1      | 3     | N   | Y    | Y   |  |
| 308  | EQUAL installed                                                                                                        | 0.00   | [9] Check Air Pressure     | 1      | 6     | N   | Y    | Y   |  |
| 309  | Lead Weight Balance                                                                                                    | 0.00   | [11] No Action. Flag Only. | 1      | 6     | N   | Y    | Y   |  |
| 310  | No Balance                                                                                                             | 0.00   | [11] No Action. Flag Only. | 1      | 5     | N   | Y    | Y   |  |
| 351  | Front Axle Misalignment                                                                                                | 0.00   | [5] Repair Tire ASAP       | 2      | 3     | N   | Y    | Y   |  |
| 352  | Tandem Axle Misalignment                                                                                               | 0.00   | [8] Repair Vehicle ASAP    | 2      | 3     | N   | Y    | Y   |  |
| 353  | Cracked Wheel                                                                                                          | 0.00   | [8] Repair Vehicle ASAP    | 2      | 1     | Y   | Y    | Y   |  |
| 354  | King Pin Backlash Plug                                                                                                 | 0.00   | [7] Repair Vehicle NOW     | 2      | 3     | N   | Y    | Y   |  |

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| Code | Description                                                                                                | R.Call    | Recommended action    | Report | Prior | VIP | Syst | Exp | Simb                                                                                  |
|------|------------------------------------------------------------------------------------------------------------|-----------|-----------------------|--------|-------|-----|------|-----|---------------------------------------------------------------------------------------|
| 355  | Ring / Rolling Backlash                                                                                    | 0.00 [8]  | Repair Vehicle ASAP   | 2      | 3     | N   | Y    | Y   |    |
| 356  | Loose Wheel Bearing                                                                                        | 0.00 [8]  | Repair Vehicle ASAP   | 2      | 3     | N   | Y    | Y   |    |
| 357  | Cracked Spring Blade                                                                                       | 0.00 [8]  | Repair Vehicle ASAP   | 2      | 3     | N   | Y    | Y   |    |
| 358  | Unreleased Brake                                                                                           | 0.00 [8]  | Repair Vehicle ASAP   | 2      | 3     | N   | Y    | Y   |    |
| 359  | Steering Box Backlash                                                                                      | 0.00 [8]  | Repair Vehicle ASAP   | 2      | 3     | N   | Y    | Y   |    |
| 360  | Oil / Grease on the Spare Tire                                                                             | 0.00 [8]  | Repair Vehicle ASAP   | 2      | 3     | N   | Y    | Y   |    |
| 361  | Valve Air Leak                                                                                             | 5.00 [8]  | Repair Vehicle ASAP   | 1      | 3     | N   | Y    | Y   |    |
| 362  | Vehicle Part Touching the Tire                                                                             | 10.00 [3] | Repair Tire NOW       | 2      | 1     | Y   | Y    | Y   |    |
| 363  | Exhaust Pipe Over the Tires                                                                                | 0.00 [7]  | Repair Vehicle NOW    | 2      | 3     | N   | Y    | Y   |   |
| 364  | Fanned-out Beam                                                                                            | 0.00 [8]  | Repair Vehicle ASAP   | 2      | 3     | N   | Y    | Y   |  |
| 365  | Wrong Position of the Spring Screw                                                                         | 0.00 [8]  | Repair Vehicle ASAP   | 2      | 3     | N   | Y    | Y   |  |
| 366  | Centralization Nuts Worn out                                                                               | 20.00 [8] | Repair Vehicle ASAP   | 2      | 3     | N   | Y    | Y   |  |
| 400  | Worn Out - Recap [System]                                                                                  | 25.00 [5] | Repair Tire ASAP      | 1      | 2     | N   | Y    | N   |  |
| 401  | Check Air Pres. [System]                                                                                   | 2.00 [3]  | Repair Tire NOW       | 1      | 3     | N   | Y    | N   |  |
| 402  | Flagged as Flat Tire [System]<br>This TIR is tied to Default # 4 which leads to its automatic application. | 25.00 [9] | Check Air Pressure    | 1      | 1     | Y   | Y    | N   |  |
| 403  | Irregular Wear [System]                                                                                    | 0.00 [3]  | Repair Tire NOW       | 1      | 3     | N   | Y    | N   |  |
| 404  | Mismatched [System]                                                                                        | 0.00 [8]  | Repair Vehicle ASAP   | 1      | 3     | N   | Y    | N   |  |
| 405  | Incompatible Design [System]                                                                               | 0.00 [11] | No Action. Flag Only. | 1      | 4     | N   | Y    | N   |  |
| 801  | Base lug cracking                                                                                          | 1.00 [11] | No Action. Flag Only. | 1      | 4     | Y   | Y    | N   |                                                                                       |
| 802  | Chip/Chunk                                                                                                 | 1.00 [11] | No Action. Flag Only. | 1      | 4     | Y   | Y    | N   |                                                                                       |
| 803  | Chipper separation                                                                                         | 1.00 [11] | No Action. Flag Only. | 1      | 2     | Y   | Y    | N   |                                                                                       |
| 804  | Flange Erosion                                                                                             | 1.00 [2]  | Remove ASAP           | 1      | 3     | Y   | Y    | N   |                                                                                       |

**Order: Code**

**Parameter:** IKM/XXX

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| Code | Description               | R.Call | Recommended action         | Report | Prior | VIP | Syst | Exp | Simb |
|------|---------------------------|--------|----------------------------|--------|-------|-----|------|-----|------|
| 805  | Irregular Wear            | 1.00   | [2] Remove ASAP            | 3      | 4     | Y   | Y    | N   |      |
| 806  | Lug Tear                  | 1.00   | [9] Check Air Pressure     | 1      | 3     | Y   | Y    | N   |      |
| 807  | Minor S/W Cut             | 1.00   | [11] No Action. Flag Only. | 1      | 4     | Y   | Y    | N   |      |
| 808  | Old Casing                | 1.00   | [6] Repair IF Needed       | 1      | 2     | Y   | Y    | N   |      |
| 809  | Radial Cracks             | 1.00   | [2] Remove ASAP            | 1      | 4     | Y   | Y    | N   |      |
| 810  | Rough Tread Face          | 1.00   | [5] Repair Tire ASAP       | 1      | 4     | Y   | Y    | N   |      |
| 811  | S/W Tread Cuts            | 1.00   | [11] No Action. Flag Only. | 1      | 4     | Y   | Y    | N   |      |
| 812  | S/W Cuts                  | 1.00   | [6] Repair IF Needed       | 1      | 4     | Y   | Y    | N   |      |
| 813  | S/W Separation            | 1.00   | [6] Repair IF Needed       | 1      | 3     | Y   | Y    | N   |      |
| 814  | Severe Base Lugs Cracks   | 1.00   | [6] Repair IF Needed       | 1      | 4     | Y   | Y    | N   |      |
| 815  | Shoulder Cut              | 1.00   | [11] No Action. Flag Only. | 1      | 4     | Y   | Y    | N   |      |
| 816  | Burned Bead               | 1.00   | [11] No Action. Flag Only. | 3      | 1     | Y   | Y    | N   |      |
| 817  | Chafer Separation         | 1.00   | [1] Immediate Removal      | 1      | 3     | Y   | Y    | N   |      |
| 818  | Chafing in Rim Flange     | 1.00   | [2] Remove ASAP            | 3      | 2     | Y   | Y    | N   |      |
| 819  | Circunferential Break     | 1.00   | [6] Repair IF Needed       | 1      | 3     | Y   | Y    | N   |      |
| 820  | Circunferential Cracking  | 1.00   | [6] Repair IF Needed       | 1      | 3     | Y   | Y    | N   |      |
| 821  | Damaged by Foreign Object | 1.00   | [6] Repair IF Needed       | 1      | 4     | Y   | Y    | N   |      |
| 822  | Delamination              | 1.00   | [6] Repair IF Needed       | 1      | 4     | Y   | Y    | N   |      |
| 823  | Diagonal Cracking         | 1.00   | [11] No Action. Flag Only. | 1      | 4     | Y   | Y    | N   |      |
| 824  | Double Molding            | 1.00   | [6] Repair IF Needed       | 1      | 4     | Y   | Y    | N   |      |
| 825  | Factory Repair Problem    | 1.00   | [11] No Action. Flag Only. | 1      | 3     | Y   | Y    | N   |      |

| Code | Description               | R.Call | Recommended action         | Report | Prior | VIP | Syst | Exp | Simb |
|------|---------------------------|--------|----------------------------|--------|-------|-----|------|-----|------|
| 826  | Field Repair Problems     | 1.00   | [2] Remove ASAP            | 1      | 3     | Y   | Y    | N   |      |
| 827  | Flow Cracking             | 1.00   | [3] Repair Tire NOW        | 1      | 4     | Y   | Y    | N   |      |
| 828  | Groove Cracking           | 1.00   | [11] No Action. Flag Only. | 1      | 4     | Y   | Y    | N   |      |
| 829  | Impact Breaks             | 1.00   | [6] Repair IF Needed       | 1      | 3     | Y   | Y    | N   |      |
| 830  | Improper Bead Seating     | 1.00   | [2] Remove ASAP            | 1      | 1     | Y   | Y    | N   |      |
| 831  | Irregular Cracking        | 1.00   | [1] Immediate Removal      | 1      | 4     | Y   | Y    | N   |      |
| 832  | Liner Cracks              | 1.00   | [11] No Action. Flag Only. | 1      | 3     | Y   | Y    | N   |      |
| 833  | Open Splices              | 1.00   | [6] Repair IF Needed       | 1      | 1     | Y   | Y    | N   |      |
| 834  | Radial Cracking           | 1.00   | [1] Immediate Removal      | 1      | 3     | Y   | Y    | N   |      |
| 835  | Rapid Tread Wear          | 1.00   | [5] Repair Tire ASAP       | 1      | 3     | Y   | Y    | N   |      |
| 836  | Run Overloaded            | 1.00   | [11] No Action. Flag Only. | 1      | 4     | Y   | Y    | N   |      |
| 837  | Separation Below GG       | 1.00   | [9] Check Air Pressure     | 1      | 3     | Y   | Y    | N   |      |
| 838  | Separation Due to Cut     | 1.00   | [11] No Action. Flag Only. | 1      | 3     | Y   | Y    | N   |      |
| 839  | SW Rubber Separation      | 1.00   | [2] Remove ASAP            | 1      | 3     | Y   | Y    | N   |      |
| 840  | Stone Drilling            | 1.00   | [5] Repair Tire ASAP       | 3      | 3     | Y   | Y    | N   |      |
| 841  | Trapped Air /Foreign Mat. | 1.00   | [5] Repair Tire ASAP       | 1      | 3     | Y   | Y    | N   |      |
| 842  | Venting Damage            | 1.00   | [6] Repair IF Needed       | 1      | 3     | Y   | Y    | N   |      |
| 843  | Weather Cracking          | 1.00   | [11] No Action. Flag Only. | 1      | 5     | N   | Y    | N   |      |
| 900  | ON Vehicle                | 1.00   | [11] No Action. Flag Only. | 1      | 6     | N   | Y    | N   |      |
| 901  | OFF: Maintenance          | 0.00   | [11] No Action. Flag Only. | 1      | 6     | N   | Y    | N   |      |
| 902  | OFF: Puncture             | 0.00   | [11] No Action. Flag Only. | 1      | 6     | N   | Y    | N   |      |
| 903  | OFF: Bead Failure         | 0.00   | [11] No Action. Flag Only. | 1      | 6     | N   | Y    | N   |      |

|                                                                                               |                           |                                        |
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|-----------------------------------------------------------------------------------------------|---------------------------|----------------------------------------|

| Code | Description                                                                                                                                      | R.Call   | Recommended action    | Report | Prior | VIP | Syst | Exp | Simb                                                                                  |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------|----------|-----------------------|--------|-------|-----|------|-----|---------------------------------------------------------------------------------------|
| 904  | OFF: SideWall Damage                                                                                                                             | 0.00[11] | No Action. Flag Only. | 1      | 6     | N   | Y    | N   |                                                                                       |
| 905  | OFF: Tread Damage                                                                                                                                | 0.00[11] | No Action. Flag Only. | 1      | 6     | N   | Y    | N   |                                                                                       |
| 906  | OFF: Blowout                                                                                                                                     | 0.00[11] | No Action. Flag Only. | 1      | 6     | N   | Y    | N   |                                                                                       |
| 907  | OFF: Break Skid                                                                                                                                  | 0.00[11] | No Action. Flag Only. | 1      | 6     | N   | Y    | N   |                                                                                       |
| 908  | OFF: Ply Separation [Side]                                                                                                                       | 0.00[11] | No Action. Flag Only. | 1      | 6     | N   | Y    | N   |                                                                                       |
| 909  | OFF: Ply Separation [Tread]                                                                                                                      | 0.00[11] | No Action. Flag Only. | 1      | 6     | N   | Y    | N   |                                                                                       |
| 910  | OFF: Road Call                                                                                                                                   | 0.00[11] | No Action. Flag Only. | 1      | 6     | N   | Y    | N   |                                                                                       |
| 911  | OFF: Irregular Wear                                                                                                                              | 0.00[11] | No Action. Flag Only. | 1      | 6     | N   | Y    | N   |                                                                                       |
| 912  | OFF: Vehicle Sold                                                                                                                                | 0.00[11] | No Action. Flag Only. | 1      | 6     | N   | Y    | N   |                                                                                       |
| 913  | OFF: Bald - To Cap [MWP]                                                                                                                         | 0.00[11] | No Action. Flag Only. | 1      | 6     | N   | Y    | N   |                                                                                       |
| 914  | OFF: Transferred                                                                                                                                 | 0.00[11] | No Action. Flag Only. | 1      | 6     | N   | Y    | N   |                                                                                       |
| 915  | OFF: Impact Failure                                                                                                                              | 0.00[11] | No Action. Flag Only. | 1      | 6     | N   | Y    | N   |                                                                                       |
| 917  | OFF: Warranty                                                                                                                                    | 0.00[11] | No Action. Flag Only. | 1      | 6     | N   | Y    | N   |                                                                                       |
| 918  | OFF: Rotation / Matching                                                                                                                         | 0.00[11] | No Action. Flag Only. | 1      | 6     | N   | Y    | N   |                                                                                       |
| 919  | OFF: Stressed Casing                                                                                                                             | 0.00[11] | No Action. Flag Only. | 1      | 6     | N   | Y    | N   |                                                                                       |
| 920  | OFF: Bald - To Cap [SWP]                                                                                                                         | 0.00[11] | No Action. Flag Only. | 1      | 6     | N   | Y    | N   |                                                                                       |
| 921  | OFF: Sold Casing                                                                                                                                 | 0.00[11] | No Action. Flag Only. | 1      | 6     | N   | Y    | N   |                                                                                       |
| 999  | OFF: Unknown                                                                                                                                     | 0.00[11] | No Action. Flag Only. | 1      | 6     | N   | Y    | N   |                                                                                       |
| ADP  | ADD PRODUCT                                                                                                                                      | 0.00[0]  | No Action             | 1      | 6     | N   | N    | N   |  |
|      | USE THIS TO DOCUMENT THE NEED TO ADD A PRODUCT TO THE SYSTEM. PLEASE TAKE A PICTURE OF THE TIRE THAT NEEDS TO BE ADDED AND LINK IT TO THIS CODE. |          |                       |        |       |     |      |     |                                                                                       |
| ADR  | ADD RETREAD DESIGN                                                                                                                               | 0.00[0]  | No Action             | 1      | 6     | N   | N    | N   |  |