

# COMPREHENSIVE JOURNEY RISK MANAGEMENT ANALYSIS REPORT

Enhanced with Artificial Intelligence & Multi-API Analysis

## Ø=ÜË ROUTE ANALYSIS DETAILS

Supply Location: MEERUT DEPOT [1146]  
Destination: MOTI FILLING STATION [0041025372]  
Total Distance: 89.2 km  
Estimated Duration: 2 hours 15 minutes  
Analysis Date: July 6, 2025  
Report Generated: 07:01 PM

## Comprehensive Route Overview & Statistics

### Route Information

Supply Location	MEERUT DEPOT [1146]
Destination	MOTI FILLING STATION [0041025372]
Distance	89.2 km
Duration	2 hours 15 minutes
Major Highways	NH-58, SH-57 (Delhi-Haridwar Highway)
Terrain	Mixed Urban and Rural Plains

### Route Analysis Statistics

Sharp Turns Detected	12 turns
Critical Turns (?70 deg)	3 high-risk turns
Major Highways	2 highway segments
Highway Length	67.8 km
Emergency Services	8 facilities identified
Fuel Stations	15 stations available

KEY SAFETY MEASURES & REGULATORY COMPLIANCE

Speed Limits	NH: 60 km/h; SH: 55 km/h; Urban: 40 km/h; Rural: 25-30 km/h
Night Driving	Prohibited: 00:00-06:00 hrs
Rest Breaks	Mandatory 20-30 min every 2.5 hours (4+ hour journey)
Vehicle Compliance	Check brakes, tires, lights, engine cooling system
Permits & Documents	Valid transport permits, Hazardous vehicle license, MSDS sheets
VTS Requirement	VTS device shall be functional (Mandatory for NH routes)

ROUTE SAFETY STATUS: GOOD CONDITIONS

SHARP TURNS ANALYSIS WITH VISUAL EVIDENCE

Total Sharp Turns Detected	12
Extreme Danger Turns (?90 deg)	1
High-Risk Blind Spots (80-90 deg)	2
Sharp Danger Zones (70-80 deg)	3
Moderate Risk Turns (45-70 deg)	6
Most Dangerous Turn Angle	92.3 deg
Average Turn Angle	58.7 deg
Street View Images Available	8
Satellite Images Available	6
Total Visual Evidence Files	14

VISUAL EVIDENCE STATUS: GOOD VISUAL EVIDENCE (14 images)

TURN CLASSIFICATION SYSTEM

Angle Range	Classification	Risk Level	Max Speed	Safety Requirement
?90 deg	EXTREME BLIND SPOT	CRITICAL	15 km/h	Full stop may be required
80-90 deg	HIGH-RISK BLIND SPOT	EXTREME	20 km/h	Extreme caution required
70-80 deg	BLIND SPOT	HIGH	25 km/h	High caution required
60-70 deg	HIGH-ANGLE TURN	MEDIUM	30 km/h	Moderate caution required
45-60 deg	SHARP TURN	LOW	40 km/h	Normal caution required

## EMERGENCY PREPAREDNESS ANALYSIS

### EMERGENCY PREPAREDNESS: GOOD PREPAREDNESS (75/100)

#### EMERGENCY SERVICES AVAILABILITY ASSESSMENT

Medical Facilities (Hospitals)	3 facilities identified
Law Enforcement (Police)	4 stations identified
Fire & Rescue Services	2 stations identified
Emergency Contact Reliability	85% coverage along route
Communication Dead Zones	2 critical areas
Overall Service Coverage	Good emergency response capability

#### CRITICAL EMERGENCY CONTACT NUMBERS

Emergency Service	Contact Number	When to Call
National Emergency	112	Any life-threatening emergency
Police Emergency	100	Crime, accidents, security threats
Fire Services	101	Fire, rescue, hazmat incidents
Medical Emergency	108	Medical emergencies, injuries
Highway Patrol	1033	Highway accidents, breakdowns