

KEVIN DAY

**West Midlands Fire Service
Driver Training Manager**

Emergency Fire Appliance Driver Risk Index

EFAD RI

What is it?

It is a Driver Profile system specifically for EFAD Drivers

Research

Study 1

- In depth interviews carried out by Julie Gandolfi from the Driving Research Group of Cranfield University.
- Interviews to determine risk factors and generate items for EFAD RI

Research

Study 2

Development of the EFAD RI

- 216 EFA Drivers completed Driver Behaviour Index.
- Factors analysed to investigate which items relevant to EFA Driving.

Results

- Driver training focuses on hazards rather than behaviour.
- Recognise the inevitability of being involved in an accident.
- Fatigue is a major problem.
- Considered other road users cause problems.
- 'The call' determined driving behaviour.

Behavioural Risk Profile

Behaviour Factors








- Aggression
- Enjoyment of Driving
- Hazard Monitoring
- Thrill seeking
- Fatigue Resistance
- Driver Confidence
- Impression Management

Coping Factors






- Task focus
- Reappraisal
- Avoidance
- Confrontive coping
- Emotion focused coping

Test Started 31/05/06 09:32
Test Completed 31/05/06 10:14
Behavioural Profile  high
Situational Profile  medium
Overall Risk Rating  high

Behavioural Risk Profile - Behavioural Factors

Category	Profile	Category	Profile
Aggression	 low	Thrill Seeking	 low
Enjoyment of Driving	 high	Hazard Monitoring	 medium
Fatigue Resistance	 high	Driver Confidence	 medium
Impression Management	 medium		

Behavioural Risk Profile - Coping Factors

Category	Profile	Category	Profile
Confrontive Coping	 low	Task Focus Coping	 low
Emotional Coping	 low	Reappraisal Coping	 low
Avoidance Coping	 low		

Situational Risk Profile

Category	Profile	Category	Profile
Gender	male	Age	38
Annual Mileage	26-30k	Hours Driving	31-45
Years Driving	11-15	Last Driving Assessment	> 3 years
Eyesight Check	1 year	Medical	6 months
Training	3 years	Licence Status	> 6

EFAD RI

When is it used?

EFAD Initial Course

EFAD Refresher

Responding Officer Course

Drivers returning to Driving Duties

EFAD RI Process

- On line questionnaire
- Printed report
- Analyse report
- Discuss report with driver
- Tailor training to suit driver

Any questions?