

# Dangerous Goods Instructors' Symposium



24<sup>th</sup> September 2009 - CHICAGO

## DANGEROUS GOODS MANAGEMENT & TRAINING IN THE 2<sup>ND</sup> LARGEST COUNTRY IN THE WORLD



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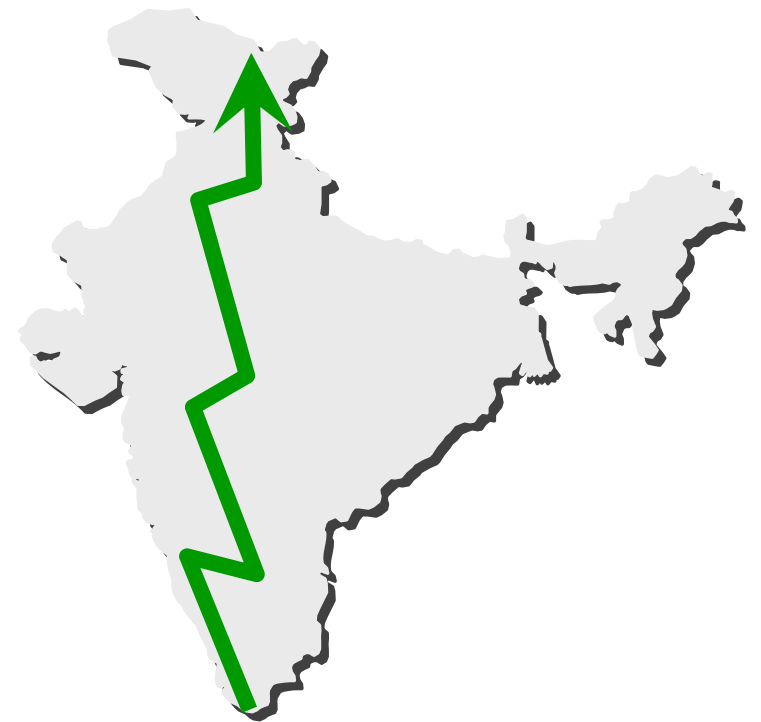


# AGENDA

- **OPPORTUNITIES & CHALLENGES**
- **INDIA'S REGULATORY INITIATIVES**
- **PATH AHEAD**
- **SUMMARY**

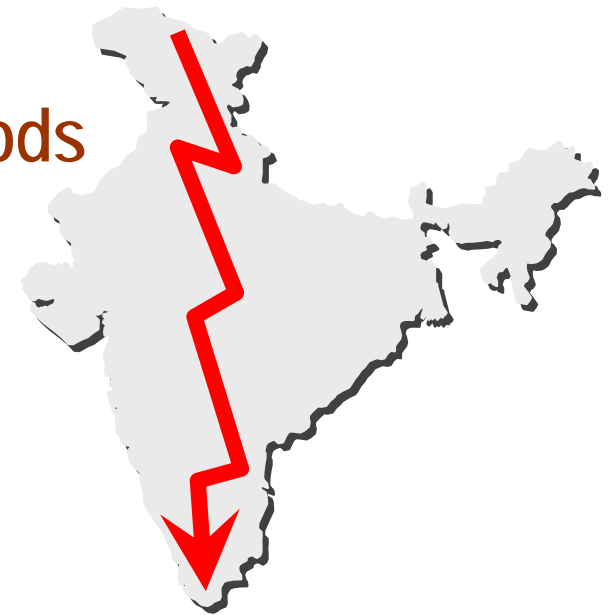
# OPPORTUNITIES

- **2<sup>nd</sup> Fastest Growing Economy**
- **Optimistic over double digit growth**
- **Expected to be 3<sup>rd</sup> largest global economy**



# CHALLENGES

- Vast country with varied economic priorities
- Lack of infrastructure / Technical & other resources for an effective dangerous goods management
- No harmonized national laws for other modes of transportation





# **INDIA'S REGULATORY INITIATIVES**



# THE BEGINNING

- **INDIA**- first few States to recognize the then  
– **RAR** - Restricted Articles Regulations

Rule 8, Aircraft Rules 1937



# TRAINING APPROVAL REQUIREMENTS

Rule 12A, Aircraft (Carriage of Dangerous Goods) Rules 2003 requires training for all 12 categories of personnel identified in ICAO Annex 18 Technical Instructions be approved by DGCA

The approval is for the training program, training organization and also the instructors



सत्यमेव जयते

Government of India

# REGULATORY REQUIREMENTS

□ Training Programs established and maintained on behalf of Indian Operators / established and maintained in India by other agencies are subjected to review and approval by the DGCA

Rule 12A (3) – Aircraft (Carriage of Dangerous Goods) Rules 2003





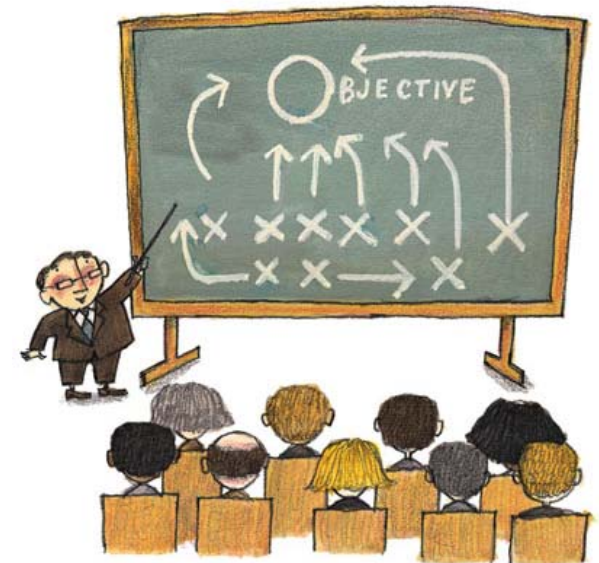
# DURATION OF TRAINING COURSE

CATEGORY	INITIAL	RECURRENT
1, 3 and 6	40 hrs.	20 hrs
2, 4, 5, 7 and 8	20 hrs	8 hrs
9, 10, 11 and 12	8 hrs	8 hrs

Para 8.2 Civil Aviation Requirement, Section 3 – Air Transport, Series “L” Part III, Issue II  
Dated 12<sup>th</sup> August 2009

# QUALIFICATION OF INSTRUCTORS

- ❑ Successful completion of Category 6
- ❑ Successful completion of Professional Skills for DG Instructors (or) 5 years experience as an instructor
- ❑ 2 years experience in cargo operations including acceptance and handling of dangerous goods - Recommended



Para 6, Civil Aviation Requirement, Section 3 – Air Transport, Series “L” Part III,  
Issue II Dated 12th August 2009

# TRAINING ORGANIZATION- CORE REQUIREMENTS

Ability of the Organization in terms of-

- a) **Physical Infrastructure;**
- b) **Minimum of two instructors who meet the requirements;**
- c) **Training material that covers all relevant information and all subjects including Indian Legal Regime;**
- d) **A system to review and revise the training manual to ensure its currency.**

# VALIDITY OF APPROVAL & RENEWAL

- ❑ Validity of the approval is restricted to maximum of 12 months
- ❑ Powers to suspend the approval, if provisions are not fully complied with
- ❑ Renewal of approval is based on review of performance and compliance



# RETENTION OF TRAINING RECORDS

## ICAO REQUIREMENTS TO RETAIN FOLLOWING FOR 3 YEARS:

- Name of the participant
- Category of the training including initial or recurrent
- Commencement and conclusion dates of training
- The result of the examination conducted at the end of the course

## INDIA'S REQUIREMENT IS TO RETAIN THE ABOVE FOR 5 YEARS

Para 13, Civil Aviation Requirement, Section 3 – Air Transport, Series “L” Part III, Issue II  
Dated 12<sup>th</sup> August 2009

# ADDITIONAL REQUIREMENTS

## FOLLOWING SHALL BE RETAINED FOR 3 YEARS

1. Course registration form duly filled by the participant.
2. Copy of course material
3. Examination paper of each participant
4. Course evaluation form duly filled by the participant
5. A copy of the certificate issued to successful participant

# QUALITY ASSURANCE

- ❑ Minimum educational qualification for the trainee
- ❑ Training facilities to meet certain criteria
- ❑ Not more than 20 trainees in a batch
- ❑ 100% attendance to appear for the examination
- ❑ Qualifying marks 80%
- ❑ Subject to Surveillance Audits by the Authorities



# PATH AHEAD



# CREATION OF A NEW STRUCTURE

**□ A NEW DIVISION IN DGCA-INDIA TO FOCUS ON DANGEROUS GOODS ISSUES**

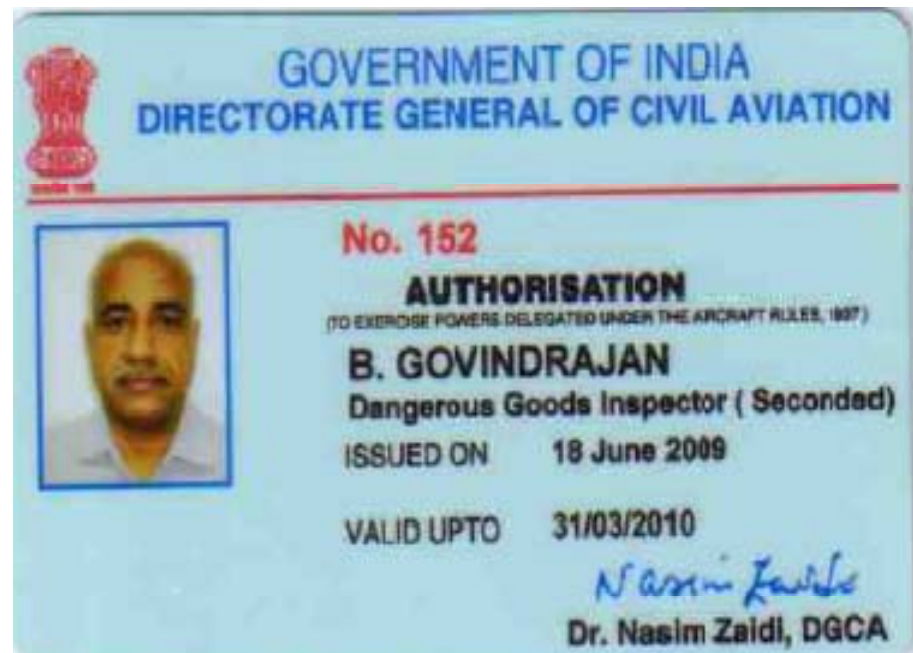
**□ DG INSPECTORS ON SECONDMENT BASIS AS AN INTERIM MEASURE**

**□ AMENDMENT TO AIRCRAFT RULES**

# A NEW INITIATIVE

DGCA APPOINTS DG  
INSTRUCTORS AS  
INSPECTORS ON  
SECONDMENT BASIS

AN UNIQUE  
FRAMEWORK THAT  
BENEFITS AUTHORITIES  
&  
INSTRUCTORS



# REGULATORY REQUIREMENTS- FOREIGN OPERATORS

❑ Training programs established and maintained by or on behalf of a foreign operator for their own staff shall be accepted as valid by the DGCA if it has been accepted by the regulatory authority of the State of the operator

\* Aircraft (Carriage of Dangerous Goods) Amendment Rules, 2009 is proposed. NPRM has been issued. Final Rule awaited





# SUMMARY





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**TRAINING \* INNOVATION \* RESOURCING**

# Thank You