

## CURRICULUM VITAE

*Family name* : Pasman  
*Name(s)* : Hermanus Johannes (Hans)  
*Date of birth* : 3 February 1938  
*Nationality* : Dutch  
*Civil state* : Married, two sons

***Languages*** : Dutch, English, German, French

***Education*** : 1961 Delft University of Technology, MSc. Chemical Engineering  
1964 Delft University of Technology, Dr. Technical Sciences  
1968 University of Leiden, BSc law  
1985 (project) management (U.S. Defense Systems Management College)

***Specializations:***

- thermal stability, ignitability, gas and dust explosions, shock and blast.
- insensitive explosives, projectile and rocket propulsion, ordnance
- light armor
- vulnerability, weapon-target interaction studies and combat simulation
- process safety, risk assessment methods, accident investigation

***Positions held:***

2008 - Research Professor Mary Kay O'Connor Process Safety Center, Texas A&M University, TX, USA  
2004 - 2012 Member ministerial Advisory Council on Hazardous Materials, The Hague, The Netherlands  
1998 - 2007 Professor Chemical Risk Management, Delft University of Technology  
1997 - 2001 Task Force manager TNO Initiative Industrial Safety  
1992 - 2003 Director Marketing and Programmes, TNO Defence Research institutes  
1978 - 1992 Director Technological Research, Prins Maurits Laboratory, TNO  
1973 - 1978 Director Technological Laboratory, TNO National Defence Research  
1970 - 1971 Research Fellow Defence Research Establishment Valcartier, Québec, Canada  
1965 - 1973 Research coordinator, Technological Laboratory, TNO National Defence Research,  
1961 - 1964 Research scientist, Shell  
1964 - 1965 Lieutenant Royal NL Army

### ***Professional Affiliations***

Royal Institute of Engineers, KIVI, The Hague, The Netherlands,

Royal Netherlands Chemical Society, KNCV, The Hague, the Netherlands, including Netherlands Process Engineers, NPT

### ***Other Achievements***

- 2007 Co-director NATO Advanced Workshop Urban Structures Resilience under Multi-Hazard Threats
- 2006 - Member Editorial Board Chinese Journal of Safety and Environment
- 2003 - 2007 Coordinator European Union research project on safe hydrocarbon oxidation, SAFEKINEX
- 2004 - 2006 NL project leader Dutch-Russian research project multi-stage ignition
- 2004 - 2005 Member review board Bundesanstalt für Materialforschung und Prüfung, BAM, Berlin, Germany
- 2003 - 2006 Member Scientific Advisory Board/Peer reviewer safety research program VTT, Technical Research Centre, Helsinki, Finland
- 2002 - 2003 NL Project leader Hazard and Risk Analysis of Aircraft Collision with High-Rise Building
- 2001 Peer review audit VTT Automation, part of Technical Research Centre of Finland
- 1995 - 1996 Reviewer and investigator explosion accidents Métaleurop for Court of Appeal of Béthune, France
- 1989/90 Consultancy/courses on safety management, expertise and facilities for state owned company in Singapore
- 1992 - 2002 Member Scientific Advisory Council of INERIS, Paris France (Institut National de l'Environnement Industriel et des Risques)
- 1992 - 2005 Member Management Board European Process Safety Centre (EPSC)
- 1986 - 2004 Chairman European Federation of Chemical Engineering, Working Party on Loss Prevention (and in 1992 co-founder EPSC)
- 1988 – 2003 Chairman Division for Defence Technology KIVI
- ~1985 - Member Editorial Board Journal of Hazardous Materials
- ~1985/2002 Member Editorial Board Propellants, Explosives and Pyrotechnics Journal

1982 – 1992 NATO AC/310 Safety and Suitability for Service of Munitions and Explosives, Chairman Sub Group I Explosives

1980 – 1985 Chairman EFCE Study Group on Risk Analysis

1974 – 1985 Chairman OECD International Group on Unstable Substances

*Awards*

2007 Mary Kay O'Connor Process Safety Center Merit Award

2006 Dieter Behrens Medal European Federation of Chemical Engineering

2003 Medal Russian Academy of Sciences

2003 TNO Defence Research Medal

2002 European Process Safety Centre Award

1991 *Royal honor* : Officier in de Orde van Oranje-Nassau