





























	ТАКАТА	Chances and Challenges by detailed Occupant Crash Simulation Models	6th German LS-DYNA For
		Model Validation	
		Grades of the Validation Inde AE Proposed Validation -	ex
Level O	No congruence between model forecast and reference test		
Level 1	Qualitative congruence - tendencies of predicted parameters are equal - kinematics correspond in quality - contacts between occupant and vehicle are equal		
Level 2	3 ms values and comparable indicators deviate not more than 20 % from reference tests		
Level 3	Peak values of important occupant loadings have a relative error quote of not more than 20%		
Level 4	As level 3 but 5 %		
Level 5	Time history of peak values of important occupant loadings has a relative error of not more than 5 %		
Level 6	Time history of curves of important occupant loadings deviates at the most 10 % from the reference test		
Level 7	As level 6 but 5 %		
Level 8	1% relative error at the most over the whole time between simulation and reference test		

















