

פרק 6 – פרסומים גלויים (עד דרגה נוכחית)**6.1 פרסומים ודו"חות ב- NIST במהלך שבתון בין השנים 2006-2009**

- a) **O. Haham**, Y. Maimon, M. Suthar & P. Brand, "*Drive mechanism of the NBSR's shim safety rod - Design & Development*", NBSR-0006-TRR-00, (NIST 2009).
- b) **O. Haham**, P. Liposky & P. Brand, "*Fuel elements cart & washing machine - specifications*", NBSR-0007-TRR-00, (NIST 2008).
- c) **O. Haham**, N. Bickford, D. Jacobson, D. Brown & P. Brand, "*Development of new shim rod neutron radiography at BT2 - final report*", NBSR-0005-TRR-00, (NIST 2008).
- d) **O. Haham**, "*Development of the shim arm neutron radiography process*", NBSR-0004-TRR-00, (NIST 2008).
- e) **O. Haham**, M. Suthar, P. Liposky & P. Brand, "*Development of correction process for the NBSR's shim safety rods - Final report*", NBSR-0003-TRR-00, (NIST 2008).
- f) M. Suthar, **O. Haham**, R. Sprow, "*GE Hitachi fabricated safety shim rod - Inspection report*", NBSR-0002-TRR-00, (NIST 2007).
- g) **O. Haham**, M. Suthar, D. Brady & P. Brand, "*Secondary Cooling Water Building (SCWB) requirements & conceptual design*", NCNR-0002-BDR-01, (NIST 2007).
- h) **O. Haham**, P. Liposky, M. Suthar & P. Brand, "*Cavity plug removal tool & Cart - Design & development report*", NBSR-0001-TRR-00, (NIST 2007).
- i) **O. Haham**, T. Myers, S. Slaughter & P. Brand, "*Removing storing and reinstalling of shim arm cavity plug*", Reactor operations procedure ref # 36, (NIST 2007).
- j) A. Eyal, **O. Haham**, Oded Zilcha, Mahesh Suthar, "*New Rotational mas for laboratory mockup of the Shim Safety Rod*", (NIST, 3.2011)
- k) A. Eyal, **O. Haham**, Josh Johnson, Joe Reyenga, Dan Kaiser, "*Data Equisition system for the NBSR's Shim Safety Rod – Laboratory simulation mockup*", (NIST, 1.2012).

6.2. דוח"ות ופרסומים (במסגרת תואר שני ומחקר במעבדת מיגון באב"ג)

- 1) **O.Haham**, I. Anteby, O.Sadot, Y. Kivity, B. Ostraich, E. Nizri, A. Schenker & G. Ben-dor, "*Experimental Investigation of Steel Beams subjected to Pendulum Impact and Blast Wavw loads*", *Explosion and Shock wave journal*, Vol. 1, No. 1, P.22-56 (2008).
- 2) **Haham, O.**, "*Design and Calibration of a Mechanical Simulator for Impact & Blast Waves Produced by Explosions*", M.Sc thesis, the Ben-Gurion University of the Negev Israel, (2004).
- 3) Schencar, A., Anteby, I., Nizri, E., Ostraich, B., Kivity, I., Sadot, O., **Haham, O.**, Michaelis, R., Gal, E., & Ben-Dor, G., "*Foam-Protected RC Structures under Impact: Experimental and Numerical Studies*", *ASCE Journal of Structural Engineering*, Vol., PP. , (2004).
- 4) Anteby, I., **Haham, O.**, Schankar, A., Sadot, O., Nizri, E., & Ben-Dor, G., "*Experimental and Numerical Simulation of Aluminum Foam behavior Under Short Duration Dynamic Loads*", *Impact Engineering and Application*, Elsevier, pp 625-631, (2001).

הצגות בכנסים .6.3

- 1) I. Anteby, E. Kluska, R. Ben Gad, I. Altber, O. Sadot1, **O. Haham**, A. Armon, V. Shcheglov, Z. Bar, G. Ben-Dor, "*Investigation of the behavior of laminated glass under impact loads*", MABS 20th - International Symposium on Military Aspects of Blast and Shock, (Sep 2008).
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- 5) Anteby I., Sadot O., **Haham O.**, Ben-Dor G. et al., "*The dynamic response of steel beams under blast and impact loads*", Proceedings of the 17th international symposium, MABS17, Tokyo, Japan (2003).