



## INVITATION - SAFI PRESENTATION

### SAFI- PSE

### Petroleum Structural Engineering-PSE Software

### SAFI OIL & GAS – Onshore & Offshore

Date	LOCATION
<b>Thursday, August 28th, 2008 6-8:30 PM</b>	<b>Conference A/B room HILTON Houston Westchase &amp; Towers 9999 Westheimer road Houston, TX 77042</b>

#### **SUBJECT:**

The SAFI Petroleum Engineering Software is intended to be used for both Onshore & Offshore engineering work. It includes the API 4F 2008 wind loads based on the recommended ``Velocity Component Approach`` method and the vessel motion dynamics.

The Offshore wave loads, linear (Airy) and non linear (Fenton), current profiles, marine growth profiles, critical crest position, member loads (Morison) and other wave technical parameters are included in this SAFI PSE commercial version.

SAFI clear intentions are to assist its customers to carry gradually all the required engineering workload with SAFI PSE -Petroleum engineering structural Software.

Our goal is to become the Standard Petroleum Structural Engineering Software by offering the technology and the engineering capabilities that will make you more productive. Our ultimate goal is the total integration of the PSE Technology as we will explain.

Dr. Rachik Elmaraghy, P.Eng., Ph.D.  
CEO  
SAFI Quality Software Inc.

**Please Confirm: SAFI FAX : 1-418-653 9475**

**NAME:** \_\_\_\_\_

**COMPANY:** \_\_\_\_\_

**Number of People present:** \_\_\_\_\_

### **SAFI PSE Software Description:**

- **SAFI 3D:** Static Analysis, Non-Linear, Buckling, Seismic, Dynamic and Finite Elements.
- **SAFI STEEL:** Verification and Design  
*Standard : CAN S16.1, LRFD, ASD & Eurocode E3*  
 The **Steel Calculator**<sup>TM</sup> is included
- **ONSHORE & OFFSHORE: API 4F 2008 standards**  
 including the ``Velocity Component Approach``
- **VESSEL MOTION Dynamics : Roll ; Pitch; Yaw ; Surge, Heave, Sway**
- **OFFSHORE WAVE Loads:** Linear (**Airy**) and non linear (**Fenton**), current profiles, marine growth profiles, critical crest position, member loads (**Morison**)
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