

Dear collaborator,

I'm part of a research team from PUCRS, based in Porto Alegre, and I'm interviewing people who work in offshore oil and gas exploration platforms. The main goal is to understand the work routine related to this sector, so we can propose improvements to the teams work conditions. In this sense, your participation is essential to our research. Your name won't be revealed at no time and we appreciate your contribution and trust.

Center for Economic and Social Analysis – PUCRS (CAES)

Contact:

Prof. Dr. Hermílio Santos

hermilio@pucrs.br

(51) 9 9991-475

HUMAN FACTORS	Questionário Nr.:	Data:	Aplicador(a):			
Local de aplicação:		<input type="checkbox"/> Funcionário da PETROBRAS <input type="checkbox"/> Funcionário de outra empresa: _____				
A) PERSONAL INFORMATION						
1. Sex	<input type="checkbox"/> Male <input type="checkbox"/> Female					
2. Marital status:	<input type="checkbox"/> Single/Separated/Divorced/Widowed <input type="checkbox"/> Married/Stable union/Living together					
3. Have children	<input type="checkbox"/> No <input type="checkbox"/> Yes. How many? ____ Young children; ____ Adolescents; ____ Adults.					
4. What's your age?	<input type="checkbox"/> 18-24 years <input type="checkbox"/> 25-34 years <input type="checkbox"/> 35-44 years <input type="checkbox"/> 45-54 years <input type="checkbox"/> 55-64 years					
5. What's your educational level?	<input type="checkbox"/> Elementary school incomplete <input type="checkbox"/> Secondary school <input type="checkbox"/> Specialization course <input type="checkbox"/> Elementary school <input type="checkbox"/> Higher education incomplete <input type="checkbox"/> Master <input type="checkbox"/> Secondary school incomplete <input type="checkbox"/> Higher education <input type="checkbox"/> PhD					
6. Where do you live?	<input type="checkbox"/> Rio de Janeiro (RJ) <input type="checkbox"/> Other city: _____					
7. In which team do you work?	Answer: _____					
8. Whats your activity?	Answer: _____					
9. How long have you been working in this activity?	<input type="checkbox"/> Less than 1 year <input type="checkbox"/> 3 to 4 years <input type="checkbox"/> 7 to 8 years <input type="checkbox"/> More than 10 years <input type="checkbox"/> 1 to 2 years <input type="checkbox"/> 5 to 6 years <input type="checkbox"/> 9 to 10 years					
10. How long have you been working at offshore platforms?	<input type="checkbox"/> Less than 1 year <input type="checkbox"/> 3 to 4 years <input type="checkbox"/> 7 to 8 years <input type="checkbox"/> More than 10 years <input type="checkbox"/> 1 to 2 years <input type="checkbox"/> 5 to 6 years <input type="checkbox"/> 9 to 10 years					
11. How many days do you stay on board?	<input type="checkbox"/> 14 days <input type="checkbox"/> 28 days <input type="checkbox"/> 21 days <input type="checkbox"/> Other: _____		12. How many days off do you have?		<input type="checkbox"/> 14 days <input type="checkbox"/> 28 days <input type="checkbox"/> 21 days <input type="checkbox"/> Other: _____	
13. How many hours per day do you work?	<input type="checkbox"/> 8 hours <input type="checkbox"/> 12 hours <input type="checkbox"/> 18 hours <input type="checkbox"/> other: _____					
B) ON PLATFORM (CONFORT AND LEISURE ON NON-WORKING SHIFTS)						
On your non-working shift, how often do you:	Never	Rarely	Sometimes	Almost always	Always	NR
14. Stay all alone						
15. Talk to your colleagues						
16. Play a musical instrument						
17. Read a book						
18. Watch TV						
19. Go to the gym						
20. Other activity: _____						
Tell me how much are you satisfied with:	Very dissatisfied	Dissatisfied	Neither satisfied/ Nor dissatisfied	Satisfied	Very satisfied	NR
21. Leisure options						
22. The comfort of your cabin						
23. The noise level during your non-working shift						
C) PRE AND POST EMBARKMENT/DISEMBARK TENSION						
Tell me how often you feel anxious:	Never	Rarely	Sometimes	Almost always	Always	NR
24. On days before the embarkment (at home)						
25. On days after the embarkment (on platform)						
26. On days before the disembark (on platform)						
27. On days after the disembark (at home)						

Tell me how often you feel irritated:	Never	Rarely	Sometimes	Almost always	Always	NR
28. On days before the embarkment (at home)						
29. On days after the embarkment (on platform)						
30. On days before the disembark (on platform)						
31. On days after the disembark (at home)						
Tell me how often you have insomnia:	Never	Rarely	Sometimes	Almost always	Always	NR
32. On days before the embarkment (at home)						
33. On days after the embarkment (on platform)						
34. On days before the disembark (on platform)						
35. On days after the disembark (at home)						
How often do you feel nausea/dizziness:	Never	Rarely	Sometimes	Almost always	Always	NR
36. On days before the embarkment (at home)						
37. On days after the embarkment (on platform)						
38. On days before the disembark (on platform)						
39. On days after the disembark (at home)						
Tell me how often your hunger increases:	Never	Rarely	Sometimes	Almost always	Always	NR
40. On days before the embarkment (at home)						
41. On days after the embarkment (on platform)						
42. On days before the disembark (on platform)						
43. On days after the disembark (at home)						
D) WORK ROUTINE						
Tell how good (or bad) it is for you to:	Very bad	Bad	Neither good/ Nor bad	Good	Very good	NR
44. Work on board (on offshore platform)						
45. Why?	<input type="checkbox"/> Stay away from the city <input type="checkbox"/> Stay confined with your work colleagues <input type="checkbox"/> Other reason: <input type="checkbox"/> Stay away from your family <input type="checkbox"/> Have no access to computer and telephones _____					
E) BEHAVIOR AND PERCEPTION IN THE WORKPLACE						
Tell me how often you:	Never	Rarely	Sometimes	Often	Very Often	NR
46. Get tired during work						
47. Take a nap during work						
48. Feel nausea because of the platform balance						
49. Feel annoyed by the noise level on the platform						
F) RISKS AND OCCURRENCE OF ACCIDENTS						
How often do you see:	Never	Rarely	Sometimes	Often	Very Often	NR
50. Cargo slipping and rolling						
51. Cargo falling						
52. Rupture of pressurized equipment						
53. Inflammable and toxic gas leak						
54. Chemical and inflammable products leak						
55. Slippery surface						

How often do you:	Never	Rarely	Sometimes	Often	Very often	NR	
56. Fall over slippery surfaces							
57. Suffer injuries							
58. Suffer burn injuries							
59. Have other accidents, like: _____							
How often do you see:	Never	Rarely	Sometimes	Often	Very often	NR	
60. Colleagues falling over slippery ground							
61. Colleagues suffering injuries							
62. Colleagues suffering burn injuries							
63. Others accidents, like _____							
On the platform, how often do you witness:	Never	Rarely	Sometimes	Often	Very often	NR	
64. Fire							
65. Explosion							
66. Bad weather conditions							
67. Marine oil spill							
68. Heeling							
69. Collision							
70. People overboard							
G) UNEXPECTED SITUATIONS AND SOLUTIONS							
What kind of unexpected situation happens during work and how often does it happen?	Never	Rarely	Sometimes	Often	Very often	NR	
71. Gas leak							
72. Oil leak							
73. Defective equipment							
74. Lack of tools							
75. Other unexpected situation (1) _____							
76. Other unexpected situation (2) _____							
77. Other unexpected situation (3) _____							
How often do you solve unexpected situations	NA	Never	Rarely	Sometimes	Often	Very often	NR
78. With solution learned from training sessions							
79. With solution learned from technical regulations							
80. With solution suggested by your superior							
81. With solution that you come up with							
H) SAFETY AND ENVIRONMENT							
Tell me how often you:	Never	Rarely	Sometimes	Often	Very often	NR	
82. Use your personal protective equipment (PPE)							
83. Read the available security warnings on the platform							
84. Stop your activity because of security reasons							
85. Who can determine work to be interrupted for safety reasons?	() Any technician on board () Manager () Other: _____ () Team manager () Inspector () NR						

Tell me how often you have already:	Never	Rarely	Sometimes	Often	Very often	NR
86. Heard emergency alarm						
87. Heard the abandonment alarm						
88. Had to abandon the platform						
89. Had to evacuate the platform						
How much do you know about:	Anything		Something		I know well	NR
90. PPRA (Environmental Risks Prevention Program)						
91. Classification of risk areas (Risk map or Emergency Plan)						
How would you classify your work area according to risk levels?	None		Low	Medium	High	
92. BIOLOGICAL RISK (virus, bacteria, fungi, etc.)						
93. PHYSICAL RISK (noise, vibration, humidity, radiation, cold, heat, etc.)						
94. QUIMICAL RISK (exposition to chemical products in general, vapor, gas...)						
95. ERGONOMIC RISK (easy use of tools, comfort during intense physical activities, etc.)						
96. MECHANICAL RISK (Slippery ground, inadequate lighting, fire or explosion risk, etc.)						
Tell me how often, on the platform, you:	Never	Rarely	Sometimes	Often	Very often	NR
97. Dispose garbage separating dry from organic waste						
98. See oil/grease waste being thrown into the ocean						
99. See oil or grease accumulation over the ground						
I) DOUBTS AND TRAINING						
Are you satisfied(a) with:	Very dissatisfied	Dissatisfied	Neither satisfied/ Nor dissatisfied	Satisfied	Very satisfied	NR
100. The training for your activities?						
101. Access to information on security?						
102. Procedures to perform your work (Standard Operational Procedure – SOP, Manuals, checklists, risk analysis)?						
When you have doubts about work:	Never	Rarely	Sometimes	Almost always	Always	NA
103. You ask your colleagues or superior for help						
104. You read normative instructions						
105. You don't solve the doubts, but continue your work						
106. You solve by yourself, in your own way						
In work meetings in the offshore platforms, how often:	Never	Rarely	Sometimes	Almost always	Always	NA
107. Do you give your opinion?						
108. Do other colleagues comment about your opinion?						
109. Do you get compliments for your opinion?						
110. Do others criticize or laugh about your opinion?						
111. Are the others indifferent to your opinion?						
J) YOUR OPINION						
112. What do you think is necessary for the platform to be more secure? A: _____						
113. What would you like to have as a leisure option on the platform? A: _____						