

The Council for Regulating the Practice of Engineering Professions


## Quarterly Report June 2015

## أعضـاء مجلس تنظيم مزاولة المهن الهندسية




الدكتور جميل العلوي
عضو المجلس



هجلس تنظظيم هزاولة المهر الهنظسية
The Council for Regulating the Practice of Engineering Professions

# بيانات المكاتب الهندسية والمـمندسين 

BAHRAINI, FOREIGN BRANCH, GC, JV, FTA \& SPV ENGINEERING OFFICES LICENSED AS AT JUNE 2015


BAHRAINI, FOREIGN BRANCH, GC, JV, FTA \& SPV ENGINEERING OFFICES LICENSED AS JUNE 2015

|  | CAT. A | CAT. B | CAT. C | CAT. D | CAT. E |
| :--- | :---: | :---: | :---: | :---: | :---: |
| BAHRAINI ENGINEERING OFFICES | 39 | 53 | 25 | 7 | 2 |
| FOREIGN BRANCH ENGINEERING OFFICES | 39 | 2 | 0 | 1 | 1 |
| GCC ENGINEERING OFFICES | 6 | 0 | 0 | 1 | 1 |
| JOINTVENTURE ENGINEERING OFFICES | 1 | 0 | 0 | 0 | 0 |
| FTA (AMERICAN) ENGINEERING OFFICES | 0 | 1 | 0 | 0 | 0 |
| SPV ENGINEERING OFFICES | 0 | 0 | 0 | 0 | 1 |

## DISTRIBUTION OF ENGINEERING CATEGORIES OVER ENGINEERING PROFESSIONS FOR LICENSED ENGINEERING OFFICES AS AT JUNE 2015

| Category/ <br> Profession | Urban <br> Planner | $\begin{gathered} \text { Architec } \\ \text { ture } \end{gathered}$ | Building Services | Quantity Surveying | $\left\|\begin{array}{c} \text { Civil } \\ \text { Engineer } \\ \text { ing } \end{array}\right\|$ | $\begin{array}{\|c} \text { Interior } \\ \text { Design } \end{array}$ | $\left\|\begin{array}{c} \text { Electrical } \\ \text { Engineerin } \\ \mathbf{g} \end{array}\right\|$ | $\begin{gathered} \text { Project } \\ \text { Manage } \\ \text { ment } \end{gathered}$ | $\left\lvert\, \begin{gathered} \text { Surveying } \\ \text { Engineeri } \\ \text { ng } \end{gathered}\right.$ | Geotechnical Engineering | Mechanical Engineering | Marine | $\begin{gathered} \text { Environ } \\ \text { mental } \\ \text { Engineer } \\ \text { ing } \\ \hline \end{gathered}$ | $\begin{array}{r} \text { Instrum } \\ \text { ents } \end{array}$ | $\begin{gathered} \text { Transpor } \\ \text { tation } \end{gathered}$ | $\left\|\begin{array}{c}\text { Engineer } \\ \text { ing } \\ \text { Inspecti } \\ \text { on } \\ \text { Services }\end{array}\right\|$ | $\begin{array}{c\|} \text { Petrolium } \\ \text { Engineering } \end{array}$ | Chemical Engineerin <br> g | $\left.\begin{array}{\|c\|} \hline \text { Precast } \\ \text { Enginererin } \\ \mathrm{g} \end{array} \right\rvert\,$ | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| A | 6 | 60 | 9 | 11 | 65 | 6 | 23 | 12 | 2 | 2 | 26 | 4 | 4 | 2 | 2 | 1 | 0 | 2 | 1 | 238 |
| B | 0 | 41 | 1 | 1 | 36 | 1 | 4 | 0 | 6 | 0 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 94 |
| C | 0 | 22 | 0 | 0 | 10 | 1 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 36 |
| D | 0 | 0 | 0 | 0 | 5 | 0 | 2 | 1 | 0 | 3 | 4 | 0 | 0 | 1 | 0 | 0 | 0 | 2 | 2 | 20 |
| E | 0 | 0 | 0 | 0 | 3 | 1 | 2 | 1 | 0 | 0 | 2 | 0 | 0 | 2 | 0 | 1 | 1 | 1 | 0 | 14 |
| Total | 6 | 123 | 10 | 12 | 119 | 9 | 31 | 14 | 11 | 5 | 35 | 5 | 4 | 5 | 2 | 2 | 1 | 5 | 3 | 402 |

Count of registered Engineering offices with the CRPEP in each profession and category

| Category/ <br> Profession | Urban Planner | Architec ture | Building Services | Quantity Surveying | Civil Engineer ing | Interior Design | Electrical Engineerin g | Project Manage ment | $\left.\begin{gathered} \text { Surveying } \\ \text { Engineeri } \\ \mathrm{ng} \end{gathered} \right\rvert\,$ | Geotechnical Engineering | Mechanical <br> Engineering | Marine | Environ <br> mental <br> Engineer <br> ing | $\begin{array}{\|c} \text { Instrum } \\ \text { ents } \end{array}$ | Transpor tation |  | Petrolium Engineering | Chemical Engineerin g | Precast Engineerin g |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| A | 100.00\% | 48.78\% | 90.00\% | 91.67\% | 54.62\% | 66.67\% | 74.19\% | 85.71\% | 18.18\% | 40.00\% | 74.29\% | 80.00\% | 100.00\% | 40.00\% | 100.00\% | 50.00\% | 0.00\% | 40.00\% | 33.33\% |
| B | 0.00\% | 33.33\% | 10.00\% | 8.33\% | 30.25\% | 11.11\% | 12.90\% | 0.00\% | 54.55\% | 0.00\% | 8.57\% | 20.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% |
| C | 0.00\% | 17.89\% | 0.00\% | 0.00\% | 8.40\% | 11.11\% | 0.00\% | 0.00\% | 27.27\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% |
| D | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 4.20\% | 0.00\% | 6.45\% | 7.14\% | 0.00\% | 60.00\% | 11.43\% | 0.00\% | 0.00\% | 20.00\% | 0.00\% | 0.00\% | 0.00\% | 40.00\% | 66.67\% |
| E | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 2.52\% | 11.11\% | 6.45\% | 7.14\% | 0.00\% | 0.00\% | 5.71\% | 0.00\% | 0.00\% | 40.00\% | 0.00\% | 50.00\% | 100.00\% | 20.00\% | 0.00\% |
| Total | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% |

Percentage of registered Engineering offices with the CRPEP in each category for every profession

> DISTRIBUTION OF ENGINEERING CATEGORIES OVER ENGINEERING PROFESSIONS FOR LICENSED ENGINEERING OFFICES AS AT JUNE 2015


> DISTRIBUTION OF ENGINEERING CATEGORIES OVER ENGINEERING PROFESSIONS FOR LICENSED ENGINEERING OFFICES AS AT JUNE 2015

| $\begin{array}{\|l} \hline \text { Category / } \\ \text { Profession } \end{array}$ | Arch | $\begin{array}{\|c\|} \hline \text { Arch } \\ \text { (Urban } \\ \text { Planner) } \end{array}$ | $\begin{gathered} \hline \text { Arch } \\ \text { Eng } \end{gathered}$ | $\begin{array}{\|c\|} \hline \text { Arch } \\ \text { Support } \end{array}$ | BS | Chem | Civil | $\begin{array}{\|c\|} \hline \text { Civil } \\ \text { (Materia } \\ \text { I) } \end{array}$ | $\begin{array}{\|c\|} \hline \text { Civil } \\ \text { Support } \end{array}$ | Computer Eng (Restricted to oil \& Petroleum Projects) | $\begin{gathered} \text { Construct } \\ \text { ion } \\ \text { Manager } \end{gathered}$ | Elect | $\begin{array}{\|c\|} \hline \text { Elect \& } \\ \text { Comput } \\ \text { er } \end{array}$ | $\begin{array}{\|c\|c\|} \hline \text { Elect \& } \\ \text { Electron } \\ \text { ics } \end{array}$ | $\begin{array}{\|c\|} \hline \text { Elect } \\ \text { Support } \end{array}$ | $\left.\begin{array}{\|c\|} \hline \text { Electron } \\ \text { ics } \end{array} \right\rvert\,$ | Env | Geology | $\begin{gathered} \text { Geotech } \\ \text { nical } \\ \text { Eng } \end{gathered}$ | ID | IE | Industrial <br> (Mech) Eng | $\begin{array}{\|c\|} \hline \text { Industri } \\ \text { al Eng } \end{array}$ | Instrumen tation \& Control | $\begin{array}{\|c\|} \hline \text { Interior } \\ \text { Arch } \end{array}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| A | 175 | 0 | 6 | 1 | 28 | 9 | 271 | 0 | 2 | 1 | 1 | 58 | 0 | 1 | 0 | 2 | 6 | 0 | 4 | 5 | 5 | 0 | 0 | 2 | 0 |
| B | 84 | 0 | 12 | 0 | 7 | 6 | 106 | 0 | 2 | 0 | 0 | 27 | 0 | 0 | 0 | 1 | 2 | 0 | 1 | 5 | 0 | 0 | 0 | 0 | 0 |
| C | 51 | 1 | 20 | 0 | 3 | 8 | 56 | 1 | 0 | 0 | 0 | 14 | 0 | 0 | 2 | 0 | 0 | 1 | 0 | 4 | 1 | 0 | 0 | 0 | 0 |
| D | 70 | 0 | 19 | 0 | 2 | 12 | 55 | 0 | 0 | 0 | 0 | 8 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 1 | 1 | 1 | 1 |
| Total | 380 | 1 | 57 | 1 | 40 | 35 | 488 | 1 | 4 | 1 | 1 | 107 | 1 | 1 | 2 | 3 | 8 | 1 | 5 | 19 | 6 | 1 | 1 | 3 | 1 |


| $\begin{array}{\|l\|} \hline \text { Landscap } \\ \text { e } \\ \text { Architect } \end{array}$ | LS | Marine | Mech | $\begin{array}{\|c\|} \hline \text { Mech } \\ \text { Support } \end{array}$ | Mechat ronics | $\begin{array}{\|c\|} \hline \text { MEP } \\ \text { Support } \end{array}$ | Mining Eng | Petrol | PM | QS | Reservoi <br> r | Sanitary <br> Eng | Urban Planner | $\begin{array}{\|c\|} \hline \text { Electron } \\ \text { ics \& } \\ \text { Instrum } \\ \text { entatio } \\ n \\ \hline \end{array}$ | Transportatio n $n$ g | $\begin{array}{\|l\|} \hline \text { Grand } \\ \text { Total } \end{array}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 4 | 14 | 7 | 69 | 1 | 0 | 1 | 0 | 3 | 24 | 25 | 0 | 2 | 8 | 1 | 4 | 740 |
| 0 | 6 | 6 | 28 | 0 | 0 | 0 | 0 | 2 | 9 | 6 | 1 | 0 | 0 | 0 | 0 | 311 |
| 0 | 7 | 2 | 10 | 0 | 0 | 0 | 0 | 3 | 0 | 3 | 0 | 0 | 1 | 0 | 0 | 188 |
| 1 | 0 | 2 | 23 | 0 | 1 | 0 | 1 | 6 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 216 |
| 5 | 27 | 17 | 130 | 1 | 1 | 1 | 1 | 14 | 33 | 40 | 1 | 2 | 9 | 1 | 4 | 1455 |


| Category/ Profession | Arch | Arch <br> (Urban <br> Planner) | $\begin{array}{\|l\|} \hline \text { Arch } \\ \text { Eng } \end{array}$ | Arch Support | BS | Chem | Civil | $\begin{array}{\|l\|} \hline \begin{array}{l} \text { Civil } \\ \text { (Materi } \end{array} \\ \text { al) } \\ \hline \end{array}$ | Civil Support | Computer Eng (Restricted to oil \& Petroleum Projects) | Construc tion Manager | Elect | Elect \& Comput er | Elect \& Electro nics | Elect Support | Electro nics | Env | Geology | Geotec <br> hnical <br> Eng | ID | IE | Industria <br> 1 (Mech) <br> Eng | Industri al Eng | Instrume ntation \& Control | Interior Arch |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| A | 46.1 | 0.0 | 10.5 | 100 | 70. | 25 | 55.5\% | \% | 50.0\% | \% | 100 | 2\% | 0.0\% | 100.0\% | 0.0\% | 66.7\% | \% \% | 0.0\% | 80.0\% | 3\% | 3\% | .0\% | 0.0\% | 66.7\% | 0.0\% |
| B | 22.1\% | 0.0 | 21.1\% | 0.0\% | 7.5\% | 17.1\% | 21.7 | 0.0\% | 50.0\% | 0.0\% | 0.0\% | 25.2\% | 0.0\% | 0.0\% | 0.0\% | 33.3\% | 25.0\% | 0.0\% | 20.0\% | 26.3\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% |
| c | 13.4\% | 100.0\% | 35.1\% | 0.0\% | 7.5\% | 22.9\% | 11.5\% | 100.0\% | .0\% | 0.0\% | 0.0\% | 13.1\% | 0.0\% | 0.0\% | 100.0\% | 0.0\% | 0.0\% | 100.0\% | 0.0 | 21.1\% | 16.7\% | 0.0 | 0.0\% | 0.0\% | 0.0\% |
| D | 18.4\% | 0.0\% | 33.3\% | 0.0\% | 5.0\% | 34.3\% | 11.3\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 7.5\% | 100.0\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 26.3\% | 0.0\% | 100.0\% | 100.0 | 33.3\% | 100.0\% |
| Total | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% |


| $\begin{array}{\|l} \hline \text { Landscap } \\ \text { e } \\ \text { Architect } \end{array}$ | LS | Marine | Mech | Mech Support | Mechat ronics | $\begin{array}{\|l\|} \hline \text { MEP } \\ \text { Support } \end{array}$ | Mining <br> Eng | Petrol | PM | Qs | Reservo <br> ir | Sanitary Eng | Urban Planner | $\begin{array}{\|l\|} \hline \text { Electro } \\ \text { nics \& } \\ \text { Instrum } \end{array}$ | Transportatio n Eng | Grand Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| .0\% | 51.9\% | 41 | 53.1\% | 100.0 | 0.0\% | 100.0\% | 0.0\% | \% | 72.7 | 62.5\% | 0.0\% | 0\% | 88.9\% | 0\% | 100.0\% | 5.9\% |
| 0.0\% | 22.2\% | .3\% | 21.5\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 14.3\% | 27. | 5.0\% | 100.0\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 21.4\% |
| 0.0\% | 25.9\% | 11.8\% | 7.7\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 21.4\% | 0.0\% | 7.5\% | 0.0 | 0.0 | 11.1\% | 0.0\% | 0.0\% | 12.9\% |
| 20.0\% | 0.0\% | 11.8\% | 17.7\% | 0.0\% | 100.0\% | 0.0\% | 100.0\% | 42.9\% | 0.0\% | 15.0\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 14.8\% |
| 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% |

DISTRIBUTION OF ENGINEERS' CATEGORIES OVER ENGINEERING PROFESSIONS FOR LICENSED ENGINEERS AT LICENSED ENGINEERING OFFICES AS AT JUNE 2015


DISTRIBUTION OF ENGINEERS' CATEGORIES OVER ENGINEERING PROFESSIONS FOR LICENSED engineers at licensed engineering offices As at June 2015


DISTRIBUTION OF ENGINEERING CATEGORIES OF LICENSED ENGINEERS AT LICENSED ENGINEERING OFFICES AS AT JUNE 2015


| Engineer Category | Total | Percent |
| :--- | :---: | :---: |
| A | $\mathbf{7 4 0}$ | $50.86 \%$ |
| B | 311 | $21.37 \%$ |
| C | 188 | $12.92 \%$ |
| D | 216 | $14.85 \%$ |
| Total | $\mathbf{1 4 5 5}$ | $\mathbf{1 0 0 . 0 0 \%}$ |

## DISTRIBUTION OF ENGINEERING DISCILPLINES OVER LICENSED

 ENGINEERS AT LICENSED ENGINEERING OFFICE| Engineer Profession | Total | Percent |
| :---: | :---: | :---: |
| Arch | 380 | 26.12\% |
| Arch (Urban Planner) | 1 | 0.07\% |
| Arch Eng | 57 | 3.92\% |
| Arch Support | 1 | 0.07\% |
| BS | 40 | 2.75\% |
| Chem | 35 | 2.41\% |
| Civil | 488 | 33.54\% |
| Civil (Material) | 1 | 0.07\% |
| Civil Support | 4 | 0.27\% |
| Computer Eng (Restricted to oil \& Petroleum Projects) | 1 | 0.07\% |
| Construction Manager | 1 | 0.07\% |
| Elect | 107 | 7.35\% |
| Elect \& Computer | 1 | 0.07\% |
| Elect \& Electronics | 1 | 0.07\% |
| Elect Support | 2 | 0.14\% |
| Electronics | 3 | 0.21\% |
| Electronics \& Instrumentation | 1 | 0.07\% |
| Env | 8 | 0.55\% |
| Geology | 1 | 0.07\% |
| Geotechnical Eng | 5 | 0.34\% |
| ID | 19 | 1.31\% |
| IE | 6 | 0.41\% |


| Engineer Profession | Total | Percent |
| :--- | :---: | :---: |
| Industrial (Mech) Eng | 1 | $0.07 \%$ |
| Industrial Eng | 1 | $0.07 \%$ |
| Instrumentation \& Control | 3 | $0.21 \%$ |
| Interior Arch | 1 | $0.07 \%$ |
| Landscape Architect | 5 | $0.34 \%$ |
| LS | 27 | $1.86 \%$ |
| Marine | 17 | $1.17 \%$ |
| Mech | 130 | $8.93 \%$ |
| Mech Support | 1 | $0.07 \%$ |
| Mechatronics | 1 | $0.07 \%$ |
| MEP Support | 1 | $0.07 \%$ |
| Mining Eng | 14 | $0.07 \%$ |
| Petrol | 33 | $0.96 \%$ |
| PM | 40 | $2.27 \%$ |
| QS | 1 | $0.07 \%$ |
| Reservoir | 2 | $0.14 \%$ |
| Sanitary Eng | 9 | $0.62 \%$ |
| Urban Planner | 4 | $0.27 \%$ |
| Transportation Eng |  | $100.00 \%$ |
| Total | 145 |  |
|  | 1 |  |
|  | 1 |  |
|  | 1 |  |

DISTRIBUTION OF ENGINEERING PROFESSIONS OVER LICENSED ENGINEERS AT LICENSED ENGINEERING OFFICES AS AT JUNE 2015



هجلس تنظظيم هزاولة المهز الهنـوسية
The Council for Regulating the Practice of Engineering Professions

## المـهندسينا المرخصين لدى شـركات المقاولات

## DISTRIBUTION OF ENGINEER＇S CATEGORIES OVER ENGINEERING PROFESSIONS FOR LICENSED

 ENGINEERS WITH CONTRACTORS AS AT JUNE 2015| Category／ Profession | AERON | Agricultur <br> al | Arch | Arch Eng | $\begin{array}{\|l\|} \hline \text { Biomedical } \\ \text { Eng } \end{array}$ | BS | Chem | Civil | $\begin{aligned} & \hline \text { Computer } \\ & \text { Eng } \end{aligned}$ | Construct ion Eng | Elect | Elect \＆ Electronic s | Electronic <br> s | $\begin{aligned} & \text { Electronic } \\ & \text { s\& } \\ & \text { communi } \\ & \text { cotions } \\ & \text { cet } \end{aligned}$ | $\begin{array}{\|l\|l\|} \hline \text { Electronic } \\ \hline \text { s \& } \\ \text { Instrume } \\ \text { ntation } \\ \hline \end{array}$ |  |  | Instrume ntation \＆ Control | Marine | Mech | Mechatron ics | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| A | 1 | 0 | 13 | 2 | 0 | 1 | 1 | 189 | 0 | 0 | 62 | 2 | 1 | 0 | 0 | 1 | 2 | 0 | 2 | 44 | 0 | 321 |
| B | 0 | 0 | 8 | 1 | 0 | 0 | 1 | 132 | 0 | 0 | 43 | 1 | 2 | 0 | 1 | 1 | 2 | 0 | 1 | 56 | 1 | 250 |
| C | 0 | 0 | 12 | 5 | 6 | 0 | 2 | 126 | 1 | 0 | 69 | 3 | 8 | 0 | 3 | 0 | 0 | 1 | 0 | 33 | 0 | 269 |
| D | 1 | 2 | 32 | 9 | 10 | 1 | 3 | 236 | 4 | 2 | 128 | 10 | 12 | 1 | 3 | 8 | 0 | 1 | 0 | 111 | 5 | 579 |
| Total | 2 | 2 | 65 | 17 | 16 | 2 | 7 | 683 | 5 | 2 | 302 | 16 | 23 | 1 | 7 | 10 | 4 | 2 | 3 | 244 | 6 | 1419 |


| $\begin{aligned} & \text { Category/ } \\ & \text { Profession } \end{aligned}$ | Planning Eng | Qs | Safety \＆ <br> Fire | Naval Arch |  | Instrument ation | Technology Eng（Mech） | Productio <br> $n$ | $\left\|\begin{array}{l}\text { Telecom } \\ \text { municatio } \\ \mathrm{n} \text { Eng }\end{array}\right\|$ | Project <br> Manager <br> （Arch） | $\begin{array}{\|c\|} \hline \text { Instrume } \\ \text { ntation \& } \\ \text { Industrial } \end{array}$ | Metallurg ical | Elect \＆ electronic | Industrial <br> Productio <br> n Eng | Informati cs Eng |  | Landscap <br> e Arch | $\begin{array}{\|l\|} \hline \text { Building } \\ \text { Construct } \end{array}$ jion | Electronic | Urban \＆ <br> Regional <br> Planner | Total | Sub Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| A | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 4 | 325 |
| B | 0 | 0 | 0 | 1 | 2 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 255 |
| C | 0 | 0 | 1 | 0 | 3 | 1 | 1 | 1 | 0 | 1 | 0 | 3 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 12 | 281 |
| D | 0 | 1 | 0 | 0 | 22 | 1 | 0 | 0 | 2 | 0 | 1 | 0 | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 1 | 32 | 611 |
| Total | 1 | 2 | 1 | 1 | 27 | 2 | 1 | 1 | 3 | 1 | 1 | 4 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 53 | 1472 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Sub Total | 1472 |


| Category Profession | AERON | Agricultur <br> al | Arch | Arch Eng | $\begin{array}{\|l\|} \hline \text { Biomedical } \\ \text { Eng } \end{array}$ | BS | Chem | Civil | Computer <br> Eng | Construct ion Eng | Elect | Elect \＆ Electronic s | Electronic | Electronic s \＆ Communi cations | $\begin{array}{\|l\|} \hline \text { Electronic } \\ \text { s \& } \\ \text { Instrume } \\ \text { ntation } \end{array}$ | ID | $\begin{array}{\|l\|} \hline \begin{array}{l} \text { Industrial } \\ \text { Eng } \end{array} \\ \hline \end{array}$ | Instrume ntation \＆ Control | Marine | Mech | Mechatron ics |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| A | 50．00\％ | 0．00\％ | 20．00\％ | 1．76\％ | ．00\％ | 50．00\％ | 14．29\％ | 27．67\％ | ．00\％ | ．00\％ | 20．53\％ | 12．50\％ | 4．35\％ | 0．00\％ | 0．00\％ | 10．00\％ | 50．00\％ | 0．00\％ | 66．67\％ | 18．03\％ | 0．00\％ |
| B | 0．00\％ | 0．00\％ | 12．31\％ | 5．88\％ | 0．00\％ | 0．00\％ | 14．29\％ | 9．33\％ | 00\％ | 0．00\％ | ．24\％ | 6．25\％ | 8．70\％ | 0．00\％ | 14．29\％ | 10．00\％ | 50．00\％ | ．00\％ | 33．33\％ | 22．95\％ | 16．67\％ |
| C | 0．00\％ | 0．00\％ | 18．46\％ | 29．41\％ | 37．50\％ | 0．00\％ | 28．57\％ | 18．45\％ | 20．00\％ | 0．00\％ | 22．85\％ | 18．75\％ | 34．78\％ | 0．00\％ | 42．86\％ | 0．00\％ | 0．00\％ | 50．00\％ | 0．00\％ | 13．52\％ | 0．00\％ |
| D | 50．00\％ | 100．00\％ | 49．23\％ | 52．94\％ | 62．50\％ | 50．00\％ | 42．86\％ | 34．55\％ | 80．00\％ | 100．00\％ | 42．38\％ | 62．50\％ | 52．17\％ | 100．00\％ | 42．86\％ | 80．00\％ | 0．00\％ | 50．00\％ | 0．00\％ | 45．49\％ | 83．33\％ |
| Total | 100\％ | 100\％ | 100\％ | 100\％ | 100\％ | 100\％ | 100\％ | 100\％ | 100\％ | 100\％ | 100\％ | 100\％ | 100\％ | 100\％ | 100\％ | 100\％ | 100\％ | 100\％ | 100\％ | 100\％ | 100\％ |


| Category Profession | Planning <br> Eng | as | Safety \＆ <br> Fire | Naval Arch | Electronics <br> $\&$ <br> Communic <br> ation | Instrument ation | Technology Eng（Mech） | Productio <br> n | Telecom municatio n Eng | $\begin{array}{\|l\|} \hline \begin{array}{l} \text { Project } \\ \text { Manager } \\ \text { (Arch) } \end{array} \\ \hline \end{array}$ | Instrume ntation \＆ Industrial | Metallurg <br> ical | Elect \＆ electronic | Industrial Productio n Eng | $\begin{aligned} & \text { Informati } \\ & \text { cs Eng } \end{aligned}$ | $\begin{array}{\|l} \hline \text { Bldg \& } \\ \text { Const } \\ \text { Manag. } \end{array}$ | ndscap <br> Arch | Building Construct ion | El | Urban \＆ Regional Planner |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| A | 100．00\％ | 50．00\％ | 0．00\％ | 0．00\％ | ．0\％ | 0．00\％ | 0．00\％ | ．0\％ | ．0\％ | 0．00\％ | 0．00\％ | ．00\％ | 0．00\％ | 0．00\％ | 0．00\％ | 0．00\％ | 0．00\％ | 0．00\％ | ．00\％ | 0．00\％ |
| B | 0．00\％ | 0．00\％ | 0．00\％ | 100．00\％ | 7．41\％ | 0．00\％ | 0．00\％ | 00\％ | 33．33\％ | 0．00\％ | 0．00\％ | 0．00\％ | 0．00\％ | 100.00 | 0．00\％ | 0．00\％ | 0．00\％ | 0．00\％ | 0．00\％ | 0．00\％ |
| C | 0．00\％ | 0．00\％ | 100．00\％ | 0．00\％ | 11．11\％ | ．00\％ | 100．00\％ | 100．00\％ | 0．00\％ | 100．00\％ | 0．00\％ | 75．00\％ | 0．00\％ | 0．00\％ | 0．00\％ | 0．00\％ | 100．00\％ | 0．00\％ | ．00\％ | 0．00\％ |
| D | 0．00\％ | 50．00\％ | ．0\％ | ， | ． $48 \%$ | 0．00\％ | ．00\％ | ．00\％ | 6．67\％ | 00\％ | 100．00\％ | 0．00\％ | 100．00\％ | 0．00\％ | 100．00\％ | 100．00\％ | ．00\％ | 00．00\％ | ．00\％ | 00．00\％ |
| Total | 100\％ | 100\％ | 100\％ | 100\％ | 100\％ | 100\％ | 100\％ | 100\％ | 100\％ | 100\％ | 100\％ | 100\％ | 100\％ | 100\％ | 100\％ | 100\％ | 100\％ | 100\％ | 100\％ | 100\％ |

DISTRIBUTION OF ENGINEER'S CATEGORIES OVER ENGINEERING PROFESSIONS FOR LICENSED ENGINEERS WITH CONTRACTORS AS AT JUNE 2015


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