

IPC CODES FOR ASPEC-AIM

| Sector  | CPC codes                 | IPC concordance |            |           |           |           |           |           |           |           |           |           |  |
|---|---------------------------|-----------------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|--|
| <b>MANUFACTURING</b>                                      |                           |                 |            |           |           |           |           |           |           |           |           |           |  |
| Manufacture   | B60C25/0515               | B60C25/05       |            |           |           |           |           |           |           |           |           |           |  |
|   | B60C25/0554               | B60C25/05       |            |           |           |           |           |           |           |           |           |           |  |
|   | B65B57/00-B65B57/20       | B65B57/00       | B65B57/02  | B65B57/04 | B65B57/06 | B65B57/08 | B65B57/10 | B65B57/12 | B65B57/14 | B65B57/16 | B65B57/18 | B65B57/20 |  |
|   | E21B44/00-E21B44/10       | E21B44/00       | E21B44/02  | E21B44/04 | E21B44/06 | E21B44/08 | E21B44/10 |           |           |           |           |           |  |
|   | F04C2240/402              | NIL             |            |           |           |           |           |           |           |           |           |           |  |
|   | F16K37/00-F16K37/0091     | F16K37/00       |            |           |           |           |           |           |           |           |           |           |  |
|   | F16P3/14-F16P3/148        | F16P3/14        |            |           |           |           |           |           |           |           |           |           |  |
|   | G01S15/89-G01S15/8997     | G01S15/89       |            |           |           |           |           |           |           |           |           |           |  |
| Manufacture, Analytics                                    | F01N9/00-F01N9/007        | F01N9/00        |            |           |           |           |           |           |           |           |           |           |  |
|   | G05B15/00-G05B15/02       | G05B15/00       | G05B15/02  |           |           |           |           |           |           |           |           |           |  |
|   | G05B23/02-G05B23/0297     | G05B23/02       |            |           |           |           |           |           |           |           |           |           |  |
| Manufacture, Analytics, Artificial intelligence           | F01N2900/04-F01N2900/0422 | NIL             |            |           |           |           |           |           |           |           |           |           |  |
| Manufacture, Analytics, Artificial intelligence, Hardware | F05D2270/00-F05D2270/71   | NIL             |            |           |           |           |           |           |           |           |           |           |  |
| Manufacture, Analytics, Security                          | F01D21/003                | F01D21/00       |            |           |           |           |           |           |           |           |           |           |  |
| Manufacture, Analytics, Hardware                          | B05C11/10-B05C11/105      | B05C11/10       | B05C11/105 |           |           |           |           |           |           |           |           |           |  |
|   | F01B25/00-F01B25/26       | F01B25/00       | F01B25/02  | F01B25/04 | F01B25/06 | F01B25/08 | F01B25/10 | F01B25/12 | F01B25/14 | F01B25/16 | F01B25/18 | F01B25/20 |  |
|   |                           | F01B25/22       | F01B25/24  | F01B25/26 |           |           |           |           |           |           |           |           |  |
|   | F01C20/00-F01C20/28       | F01C20/00       | F01C20/02  | F01C20/04 | F01C20/06 | F01C20/08 | F01C20/10 | F01C20/12 | F01C20/14 | F01C20/16 | F01C20/18 | F01C20/20 |  |
|   |                           | F01C20/22       | F01C20/24  | F01C20/26 | F01C20/28 |           |           |           |           |           |           |           |  |
|   | F01N11/00-F01N11/007      | F01N11/00       |            |           |           |           |           |           |           |           |           |           |  |
|   | F02D1/00-F02D41/408       | F02D            |            |           |           |           |           |           |           |           |           |           |  |
|   | F02K9/00-F02K9/978        | F02K9/00        | F02K9/08   | F02K9/10  | F02K9/12  | F02K9/14  | F02K9/16  | F02K9/18  | F02K9/20  | F02K9/22  | F02K9/24  | F02K9/26  |  |
|   |                           | F02K9/28        | F02K9/30   | F02K9/32  | F02K9/34  | F02K9/36  | F02K9/38  | F02K9/40  | F02K9/42  | F02K9/44  | F02K9/46  | F02K9/48  |  |
|   |                           | F02K9/50        | F02K9/52   | F02K9/54  | F02K9/56  | F02K9/58  | F02K9/60  | F02K9/62  | F02K9/64  | F02K9/66  | F02K9/68  | F02K9/70  |  |
|   |                           | F02K9/72        | F02K9/74   | F02K9/76  | F02K9/78  | F02K9/80  | F02K9/82  | F02K9/84  | F02K9/86  | F02K9/88  | F02K9/90  | F02K9/92  |  |
|   |                           | F02K9/94        | F02K9/96   | F02K9/97  |           |           |           |           |           |           |           |           |  |
|   | F02N11/08-F02N2011/0896   | F02N11/08       |            |           |           |           |           |           |           |           |           |           |  |
|   | F02N2200/00-F02N2200/14   | NIL             |            |           |           |           |           |           |           |           |           |           |  |
|   | F02P5/00-F02P5/1558       | F02P5/00        | F02P5/02   | F02P5/04  | F02P5/05  | F02P5/06  | F02P5/07  | F02P5/10  | F02P5/12  | F02P5/14  | F02P5/145 | F02P5/15  |  |
|   |                           | F02P5/152       | F02P5/153  | F02P5/155 |           |           |           |           |           |           |           |           |  |
|   | F03B15/00-F03B15/22       | F03B15/00       | F03B15/02  | F03B15/04 | F03B15/06 | F03B15/08 | F03B15/10 | F03B15/12 | F03B15/14 | F03B15/16 | F03B15/18 | F03B15/20 |  |
|   |                           | F03B15/22       |            |           |           |           |           |           |           |           |           |           |  |
|   | F03D17/00                 | F03D17/00       |            |           |           |           |           |           |           |           |           |           |  |
|   | F03D7/042-F03D7/048       | F03D7/04        |            |           |           |           |           |           |           |           |           |           |  |
|   | F04B49/06-F04B49/065      | F04B49/06       |            |           |           |           |           |           |           |           |           |           |  |
|   | F04B51/00                 | F04B51/00       |            |           |           |           |           |           |           |           |           |           |  |
|   | F04C14/00-F04C14/28       | F04C14/00       | F04C14/02  | F04C14/04 | F04C14/06 | F04C14/08 | F04C14/10 | F04C14/12 | F04C14/14 | F04C14/16 | F04C14/18 | F04C14/20 |  |
|   |                           | F04C14/22       | F04C14/24  | F04C14/26 | F04C14/28 |           |           |           |           |           |           |           |  |
|   | F04C28/00-F04C28/28       | F04C28/00       | F04C28/02  | F04C28/04 | F04C28/06 | F04C28/08 | F04C28/10 | F04C28/12 | F04C28/14 | F04C28/16 | F04C28/18 | F04C28/20 |  |
|   |                           | F04C28/22       | F04C28/24  | F04C28/26 | F04C28/28 |           |           |           |           |           |           |           |  |
|   | F04D27/00-F04D27/0292     | F04D27/00       | F04D27/02  |           |           |           |           |           |           |           |           |           |  |
| F16N2230/00-F16N2230/22                                   | NIL                       |                 |            |           |           |           |           |           |           |           |           |           |  |
| F24J2/40-F24J2/407  | Not in use                |                 |            |           |           |           |           |           |           |           |           |           |  |
| F25J1/0244-F25J1/0256                                     | F25J1/02                  |                 |            |           |           |           |           |           |           |           |           |           |  |
| Manufacture, Connectivity                                 | B65D2203/10               | NIL             |            |           |           |           |           |           |           |           |           |           |  |
| Manufacture, Hardware                                     | E21B47/12-E21B47/187      | E21B47/12       | E21B47/14  | E21B47/16 | E21B47/18 |           |           |           |           |           |           |           |  |

| Sector                              | CPC codes               | IPC concordance |           |           |           |           |           |           |           |  |  |  |
|-------------------------------------|-------------------------|-----------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|--|--|--|
| <b>INDUSTRY 4.0 INFRASTRUCTURE</b>  |                         |                 |           |           |           |           |           |           |           |  |  |  |
| Infrastructure                      | B64F1/366-B64F1/368     | B64F1/36        |           |           |           |           |           |           |           |  |  |  |
|                                     | G06Q10/08-G06Q10/0875   | G06Q10/08       |           |           |           |           |           |           |           |  |  |  |
|                                     | G06Q50/06               | G06Q50/06       |           |           |           |           |           |           |           |  |  |  |
|                                     | G06Q50/30               | G06Q50/30       |           |           |           |           |           |           |           |  |  |  |
| Infrastructure, Analytics           | F01K13/02-F01K13/025    | F01K13/02       |           |           |           |           |           |           |           |  |  |  |
|                                     | F02C9/00-F02C9/58       | F02C9/00        | F02C9/16  | F02C9/18  | F02C9/20  | F02C9/22  | F02C9/24  | F02C9/26  | F02C9/28  |  |  |  |
|                                     |                         | F02C9/30        | F02C9/32  | F02C9/34  | F02C9/36  | F02C9/38  | F02C9/40  | F02C9/42  |           |  |  |  |
| F02C9/44                            | F02C9/46                | F02C9/48        | F02C9/50  | F02C9/52  | F02C9/54  | F02C9/56  | F02C9/58  |           |           |  |  |  |
| Infrastructure, Analytics, Hardware | F01D17/00-F01D21/20     | F01D17/00       | F01D17/02 | F01D17/04 | F01D17/06 | F01D17/08 | F01D17/10 | F01D17/12 | F01D17/14 |  |  |  |
|                                     |                         | F01D17/16       | F01D17/18 | F01D17/20 | F01D17/22 | F01D17/24 | F01D17/26 |           |           |  |  |  |
|                                     |                         | F01D19/00       | F01D19/02 | F01D21/00 | F01D21/02 | F01D21/04 | F01D21/06 | F01D21/08 | F01D21/10 |  |  |  |
|                                     |                         | F01D21/12       | F01D21/14 | F01D21/16 | F01D21/18 | F01D21/20 |           |           |           |  |  |  |
| Infrastructure, Hardware            | H03K19/18               | H03K19/18       |           |           |           |           |           |           |           |  |  |  |
|                                     | H03K21/00-H03K21/10     | H03K21/00       | H03K21/02 | H03K21/08 | H03K21/10 |           |           |           |           |  |  |  |
| Infrastructure, Connectivity        | H02J13/0006-H02J13/0089 | H02J13/00       |           |           |           |           |           |           |           |  |  |  |
|                                     | Y02B70/30-Y02B70/346    | NIL             |           |           |           |           |           |           |           |  |  |  |
|                                     | Y02B90/20-Y02B90/2692   | NIL             |           |           |           |           |           |           |           |  |  |  |
|                                     | Y02E40/70-Y02E40/76     | NIL             |           |           |           |           |           |           |           |  |  |  |
|                                     | Y04S10/00-Y04S50/14     | NIL             |           |           |           |           |           |           |           |  |  |  |