| Date       | Company                                                                 |
|-----------|-------------------------------------------------------------------------|
| 2018/5/17 | Nanyang hanye special steel co. LTD                                     |
| 2018/4/3  | Yuncheng yunhai aluminum co. LTD                                        |
| 2018/2/5  | Shaoquan Songshan Iron and Steel Group co. LTD                         |
| 2018/1/31 | Shougang Group shuicheng steel co. LTD                                 |
| 2017/12/14| Beiman special steel co. LTD                                           |
| 2017/9/20 | Duopu alloy co. LTD                                                    |
| 2017/8/3  | Desheng steel co. LTD                                                  |
| 2017/5/14 | Beiman special steel co. LTD                                           |
| 2017/3/20 | Hongxin metal recycling co. LTD                                        |
| 2017/3/20 | Henan yuguang gold and lead co. LTD                                    |
| 2017/3/10 | Guangxi huayin aluminum co. LTD                                        |
| 2017/3/6  | Luoyang iron and steel co. LTD                                         |
| 2016/10/16| Xinjiang kunyu iron and steel co. LTD                                   |
| 2016/6/22 | Henan branch of China aluminum corporation                             |
| 2016/4/1  | Linyi sande special steel co. LTD                                      |
| 2015/11/29| Shandong Fulai Stainless Steel Co. Ltd.                                 |
| 2015/9/2  | Beijing Shougang Co., Ltd                                              |
| 2015/8/31 | Huaxinyuan iron and steel co.                                           |
| 2015/4/2  | Henan Zhongyuan Special Steel Co., Ltd.                                |
| 2014/12/8 | Jiyuan iron and steel co. LTD                                          |
| 2014/8/6  | Shanxi huaze of China aluminum corporation                             |
| 2014/7/2  | Fengzhen city fengye ferro-alloy co. LTD                               |
| 2014/3/28 | Guangxi shenglong metallurgy co. LTD                                   |
| 2014/3/23 | Yukun iron and steel group co. LTD                                     |
| 2014/1/7  | The second plant of Taiyuan iron and steel (group) co. LT              |
| 2013/12/5 | Jinxu steel structure co. LTD                                          |
| 2013/11/21| North steel group jinding heavy industry co. LTD                        |
| 2013/11/11| Xinjiang bayi steel structure co. LTD                                   |
| 2013/9/29 | Kunming iron and steel co. LTD                                         |
| 2013/8/25 | Xijin mining and manganese alloy co.                                   |
| 2013/7/30 | Wenan new steel company                                                |
| 2013/7/22 | Yunnan yuxi xianfu iron and steel (group) co. LTD                     |
| 2013/5/4  | Iron works of Taiyuan iron and steel (group) co. LTD                   |
| 2013/4/17 | Julong metal materials co. LTD                                         |
| 2013/4/1  | Xinyu xingang company                                                  |
| 2013/1/16 | Panchenggang construction company                                      |
| 2012/12/20| Xinyu xingang company                                                  |
| 2012/12/6 | Suzhou huasheng bondi copper plated steel band co. LTD                 |
| 2012/8/15 | Changfeng steel co. LTD                                                |
| 2012/8/5  | Aluminum lock processing plant                                         |
| 2012/7/31 | West steel group                                                       |
| 2012/7/8  | Hunan valin iron and steel co. LTD                                     |
2012/6/25  Benxi iron and steel (group) co.
2012/6/18  Guangxi sha gang manganese co. LTD
2012/5/25  Tonggang group
2012/5/14  Guangdong shaoguan iron and steel group co.
2012/4/26  Hebei puyang iron and steel co. LTD
2012/3/20  Jiugang group iron works
2012/2/23  Shanghai baosteel group meishan iron and steel co.
2012/2/20  Anshan Iron and Steel Group
2012/2/11  Guizhou guanglv aluminum industry co. LTD
2012/2/5   Dazhou steel group co. LTD
2012/1/26  Zijin copper co. LTD
2011/10/14 Shandong shiheng special steel group co. LTD
2011/10/5  Nanjing Iron and Steel Union Co. Ltd.
2011/8/14  Neimenggu baogang steel works
2011/6/11  Changzhou zhongyue foundry plant
2011/5/4   Anshan iron & steel co. LTD
2011/4/30  Weifang special steel group co. LTD
2011/4/17  Jinan jianchang machinery factory
2011/4/17  Guizhou hezhang dianqian honest smelting co. LTD
2011/1/13  Jinan second machine group co. LTD
2011/1/11  Tonghai xinguang industry and trade co. LTD
2010/12/17 Jiangyin zhaohong machinery co. LTD
2010/12/8  Furen iron and steel co. LTD
2010/10/5  Shanxi tisco stainless steel co. LTD
2010/9/29  Henan xichuan aluminum (group) co. LTD
2010/9/26  Liaoning anshan iron and steel construction group
2010/9/23  Yunfeng aluminum co. LTD
2010/9/9   Wuhan iron and steel general plant sintering branch factor
2010/8/28  Tangshan iron and steel company
2010/6/27  Luliang central iron and steel group co.
2010/5/29  Sanming steel plant metallurgical construction company
2010/5/17  Houma copper smelter in northern China
2010/1/12  Jinshan iron and steel co. LTD
2010/1/4   Liaoning dalian special steel co. LTD
2010/1/4   Puyang Iron and Steel Co. Ltd.
2009/12/21 China railway 14th bureau jinan iron and steel group
2009/12/6  Xinyu Iron And Steel Co.Ltd
2009/12/3  Guangdong west foundry
2009/9/19  Xiangfen qiangsheng iron alloy plant
2009/8/24  Zhiqiang iron and steel co.
2009/7/15  Wuxi xinsanzhou special steel co. LTD
2009/4/2   Laigang group yinshan section steel co. LTD
2009/3/21  Shougang jingtang iron and steel co.
| Date    | Company Name                                                                 |
|---------|-------------------------------------------------------------------------------|
| 2009/1/21 | Shaanxi hanzhong iron and steel group co. LTD                                 |
| 2009/1/17 | Qingdao huaye casting co. LTD                                                  |
| 2008/12/24 | Tangshan Ganglu Iron and Steel Co. Ltd.                                      |
| 2008/12/16 | Chongqing taizheng mineral resources development co. LTD                     |
| 2008/11/15 | Zhongyu iron and steel co. LTD                                                 |
| 2008/10/18 | Wuhan iron and steel corporation egang plant                                |
| 2008/9/24  | Double brand aluminum industry co. LTD                                        |
| 2008/9/5   | Wenan xingang iron and steel co. LTD                                          |
| 2008/3/14  | Yongjian casting co. LTD                                                      |
| 2007/9/29  | Kunming iron and steel group co. LTD                                          |
| 2007/9/9   | Huanlifshan group co. LTD                                                     |
| 2007/8/19  | Weiqiao Pioneering Groups Co. Ltd.                                           |
| 2007/7/20  | Jiangsu shagang group huaigang special steel co. LTD                         |
| 2007/6/6   | Qianan liangangl xinda steel co. LTD                                         |
| 2007/4/27  | Houying group haicheng steel co. LTD                                         |
| 2007/4/18  | Qinghe Special Steel Co. Ltd.                                                 |
| 2007/3/19  | Smelting branch of hangzhou iron and steel group co. LTD                     |
| 2007/3/8   | Maanshan steel works                                                          |
| 2007/1/30  | Xichuan xiwan crystal silicon plant                                          |
| 2006/12/26 | United steel yanshan iron and steel co.                                      |
| 2006/11/13 | Zhongzhou branch of China aluminum corporation                               |
| 2006/11/8  | Yongqiang Roller Co. Ltd.                                                     |
| 2006/10/8  | HANGZHOU IRON AND STEEL GROUP CO.                                             |
| 2006/7/21  | Luohe iron and steel co. LTD                                                  |
| 2006/7/7   | WISCO Ironworks                                                              |
| 2006/3/30  | Jinan iron and steel group corporation                                        |
| 2006/1/10  | Guofeng iron and steel co. LTD                                                |
| 2006/1/6   | Chenggang iron and steel co.                                                  |
| 2005/11/5  | Shuicheng steel (group) co. LTD                                               |
| 2005/10/26 | Daan iron and steel co.                                                       |
| 2005/10/8  | Handan xinxing cast pipe co. LTD                                              |
| 2005/9/27  | Ling hai electric steel co. LTD                                               |
| 2005/8/18  | Longmen iron and steel group corporation                                     |
| 2005/8/12  | Qiaoxi foreign trade foundry                                                  |
| 2005/7/7   | LAIWU STEEL GROUP co., ltd                                                    |
| 2005/7/5   | Handan Iron and Steel Group Company                                          |
| 2005/6/23  | Ankang Guangda Ferroalloy Factory                                             |
| 2005/5/20  | Jinan Iron and Steel Group gas power plant                                    |
| 2005/4/14  | Jinggang iron and Steel Co., Ltd.                                            |
| 2005/3/2   | New fushun special steel shares Co., Ltd.                                     |
| 2005/2/19  | Hebei jinxi iron and steel co. LTD                                            |
| 2004/11/28 | Hanzhong iron and steel co. LTD                                               |
| Date     | Company Name                                      |
|----------|--------------------------------------------------|
| 2004/11/13 | Hebei jinxi iron and steel co. LTD              |
| 2004/9/27  | Bazhou xinli steel co. LTD                     |
| 2004/8/30  | Shanxi branch of China aluminum corporation    |
| 2004/6/11  | Jinsheng steel co. LTD                         |
| 2004/5/19  | Longmen iron and steel (group) co.              |
| 2004/5/17  | Dongxin foundry                                 |
| 2004/4/8   | Zhongrun Iron and Steel Co. Ltd.               |
| 2004/5/19  | Shuicheng steel (group) co. LTD                 |
| 2004/1/12  | Hubei huang metallurgical steel group          |
| 2003/11/24 | Yuzhong iron and steel co., LTD                 |
| 2003/9/15  | Longmen iron and steel (group) co.              |
| 2003/9/9   | Zhengyang casting steel factory                |
| 2003/6/29  | Shuicheng steel (group) co. LTD                 |
| 2003/5/25  | Panzhihua Iron and Steel Group Co. , Ltd        |
| 2003/3/22  | Baotou Iron and Steel Company                  |
| 2002/11/19 | Baotou Iron and Steel Company                  |
| 2002/10/29 | Zunyi xiangjiang steel plant                   |
| 2002/9/14  | Baotou steel comprehensive enterprise group co. LTD |
| 2002/2/8   | Benxi iron and steel co.                       |
| 2002/1/31  | Beigang group beiying steelmaking co. LTD       |
| 2001/12/28 | Jinzhou ferroalloy (group) co. LTD             |
| 2001/10/20 | Industrial sewing machine factory              |
| 2001/10/16 | Shanghai meishan steel corporation             |
| 2001/10/13 | Chengde steel works                            |

Note: the blank of injury indicates that there is no injury record in the accident an
| Accident type                    | Deaths | Injuries |
|----------------------------------|--------|----------|
| Other explosion                  | 2      | 13       |
| Other explosion                  | 3      | 3        |
| Poisoning and apnea              | 8      | 10       |
| Poisoning and apnea              | 9      | 2        |
| Container explosion              | 3      |          |
| Poisoning and apnea              | 4      |          |
| Poisoning and apnea              | 3      | 6        |
| Other explosion                  | 3      | 1        |
| Thermal injury                   | 5      | 2        |
| Other explosion                  | 3      |          |
| Poisoning and apnea              | 3      |          |
| Poisoning and apnea              | 3      |          |
| Poisoning and apnea              | 3      |          |
| Fall from a high place           | 13     | 6        |
| Thermal injury                   | 3      |          |
| Poisoning and apnea              | 10     | 7        |
| Drowning                         | 7      |          |
| Poisoning and apnea              | 4      | 4        |
| Poisoning and apnea              | 3      | 3        |
| Drowning                         | 3      |          |
| Other explosion                  | 4      |          |
| Collapse                         | 4      |          |
| Poisoning and apnea              | 3      |          |
| Poisoning and apnea              | 2      | 17       |
| Poisoning and apnea              | 4      | 2        |
| Collapse                         | 3      | 2        |
| Mechanical injury                | 4      | 3        |
| Other explosion                  | 6      | 6        |
| Poisoning and apnea              | 3      |          |
| Poisoning and apnea              | 7      | 4        |
| Other explosion                  | 7      | 1        |
| Other explosion                  | 3      | 2        |
| Poisoning and apnea              | 3      | 1        |
| Thermal injury                   | 3      | 1        |
| Other explosion                  | 4      | 26       |
| Poisoning and apnea              | 4      | 2        |
| Fall from a high place           | 3      | 5        |
| Poisoning and apnea              | 3      | 2        |
| Container explosion              | 3      |          |
| Other explosion                  | 13     | 14       |
| Collapse                         | 3      | 5        |
| Poisoning and apnea              | 3      | 3        |
| Injury Type                        | Frequency | Count |
|-----------------------------------|-----------|-------|
| Fall from a high place            | 3         | 5     |
| Collapse                          | 3         | 2     |
| Fall from a high place            | 3         | 6     |
| Other explosion                   | 9         | 6     |
| Poisoning and apnea               | 3         | 5     |
| Object strike                     | 3         |       |
| Poisoning and apnea               | 7         | 7     |
| Other explosion                   | 13        | 17    |
| Object strike                     | 3         | 1     |
| Thermal injury                    | 3         |       |
| Poisoning and apnea               | 3         | 1     |
| Collapse                          | 3         | 1     |
| Thermal injury                    | 12        | 1     |
| Poisoning and apnea               | 4         |       |
| Poisoning and apnea               | 6         | 1     |
| Poisoning and apnea               | 3         |       |
| Poisoning and apnea               | 3         | 17    |
| Object strike                     | 3         |       |
| Poisoning and apnea               | 4         |       |
| Fall from a high place            | 4         | 3     |
| Collapse                          | 3         |       |
| Object strike                     | 3         |       |
| Lifting injury                    | 3         | 5     |
| Poisoning and apnea               | 3         |       |
| Collapse                          | 5         | 11    |
| Container explosion               | 3         | 1     |
| Collapse                          | 9         | 4     |
| Mechanical injury                 | 5         |       |
| Poisoning and apnea               | 3         |       |
| Collapse                          | 4         | 1     |
| Poisoning and apnea               | 3         |       |
| Other explosion                   | 3         |       |
| Thermal injury                    | 3         |       |
| Poisoning and apnea               | 8         |       |
| Poisoning and apnea               | 21        | 9     |
| Fall from a high place            | 3         |       |
| Poisoning and apnea               | 4         | 1     |
| Other explosion                   | 3         | 1     |
| Poisoning and apnea               | 4         |       |
| Poisoning and apnea               | 3         | 3     |
| Poisoning and apnea               | 3         | 8     |
| Fall from a high place            | 3         | 2     |
| Poisoning and apnea               | 5         |       |
| Incident Type             | Count 1 | Count 2 |
|--------------------------|---------|---------|
| Fall from a high place   | 3       | 1       |
| Thermal injury           | 4       | 1       |
| Poisoning and apnea      | 17      | 27      |
| Collapse                 | 7       | 11      |
| Poisoning and apnea      | 3       | 3       |
| Poisoning and apnea      | 3       | 11      |
| Other explosion          | 4       | 3       |
| Poisoning and apnea      | 7       |         |
| Collapse                 | 6       | 2       |
| Poisoning and apnea      | 3       | 1       |
| Other explosion          | 8       | 10      |
| Other explosion          | 20      | 55      |
| Container explosion      | 4       | 1       |
| Poisoning and apnea      | 3       | 12      |
| Poisoning and apnea      | 4       |         |
| Thermal injury           | 32      | 6       |
| Object strike            | 4       |         |
| Fall from a high place   | 3       |         |
| Thermal injury           | 4       | 4       |
| Fall from a high place   | 4       | 1       |
| Collapse                 | 3       |         |
| Thermal injury           | 12      | 15      |
| Poisoning and apnea      | 3       |         |
| Poisoning and apnea      | 3       |         |
| Collapse                 | 5       | 2       |
| Poisoning and apnea      | 6       |         |
| Other explosion          | 6       | 6       |
| Poisoning and apnea      | 4       | 6       |
| Poisoning and apnea      | 7       | 21      |
| Poisoning and apnea      | 5       | 1       |
| Poisoning and apnea      | 9       |         |
| Collapse                 | 3       |         |
| Other explosion          | 3       | 13      |
| Poisoning and apnea      | 3       | 5       |
| Collapse                 | 3       | 2       |
| Fall from a high place   | 3       | 1       |
| Poisoning and apnea      | 1       | 12      |
| Thermal injury           | 3       |         |
| Poisoning and apnea      | 3       | 19      |
| Container explosion      | 3       | 4       |
| Fire disaster            | 5       | 1       |
| Object strike            | 3       | 1       |
| Collapse                 | 7       |         |
| Condition                          | Count 1 | Count 2 |
|-----------------------------------|---------|---------|
| Thermal injury                    | 3       | 3       |
| Poisoning and apnea               | 5       |         |
| Other explosion                   | 5       | 12      |
| Other explosion                   | 3       | 1       |
| Collapse                          | 3       | 5       |
| Electric shock                    | 12      | 3       |
| Object strike                     | 8       | 12      |
| Poisoning and apnea               | 3       |         |
| Fall from a high place            | 3       |         |
| Drowning                          | 5       | 4       |
| Fire disaster                     | 3       | 7       |
| Poisoning and apnea               | 3       | 29      |
| Collapse                          | 3       | 3       |
| Object strike                     | 2       | 11      |
| Poisoning and apnea               | 3       |         |
| Thermal injury                    | 3       | 5       |
| Poisoning and apnea               | 3       |         |
| Poisoning and apnea               | 4       |         |
| Thermal injury                    | 3       |         |
| Other explosion                   | 4       | 6       |
| Other explosion                   | 3       | 1       |
| Fall from a high place            | 6       | 3       |
| Thermal injury                    | 3       |         |

analysis report.