Geneva, November 07, 2019

## MSCI CHINA-A ONSHORE INDEX SERIES

The following are changes in constituents for the MSCI China-A Onshore Index Series, which will take place as of the close of November 26, 2019.

SUMMARY PER COUNTRY:

Nb of Nb of Securities Securities
Country Added Deleted

CHINA 47 38

MSCI CHINA INDEX Additions AUTEK CHINA A AUTORIO DIAGNOSTICS A AVARY HOLDING SHENZHEN A BAIC BLUEPARK NEW ENER A BEIJING ORIENT LANDSCA A BETTA PHARMACEUTICALS A BOHAI LEASING CO A BOYA BIO-PHARMA A C&S PAPER CO A CHINA HAINAN RUBER IND A CHINA RAILWAY SIGNAL A CNOOC ENERGY TECH CO A CSC FINANCIAL CO A GUANGZHOU KINGMED A GUANGZHOU WONDFO A HATNAN POLY PHARM CO A HEBEI YANGYUAN ZHIHUI A HNA INFRASTRUCTURE INV A JIANGSU SHAGANG CO A JUEWEI FOOD A MAXSCEND MICROELECTRS A MONTNETS RONGXIN TECH A NANJING KING FRIEND A NANJING SECURITIES CO A NANJING TANKER A NANJING XINJIEKOU DEPT A ORIENT GROUP A SANGFOR TECH A SG MICRO A SHANDONG IRON & STEEL A SHANDONG YISHENG LIVE A SHANGHAI LINGANG HLDGS A SHANXI MEIJIN ENERGY A SHANXI TAIGANG STAIN. A SHENZHEN EVENWIN A SHENZHEN FASTPRINT A SHENZHEN HUIDING TECH A SHENZHEN KINWONG A TOLY BREAD CO A WANDA FILM HOLDING CO A WILL SEMICONDUCTOR A WINGTECH TECHNOLOGY CO A WUHAN GUIDE INFRARED A YANAN BICON PHARMA A YIFENG PHARMACY CHAIN A ZHEJIANG WOLWO BIO A ZHONGJI INNOLIGHT A

Deletions AEROSPACE CH UAV CO A BAOTAILONG NEW MATRLS A BEIJING UNISTRONG SCI A CECEP SOLAR ENERGY CO A CHENGZHI CO A CHINA CYTS TOURS HLDG A CHINA RAILWAY TIELONG A DA AN GENE CO SUN YAT A DONGFENG AUTOMOBILE A DONGJIANG ENVIRONMENT A DR PENG TELCOM & MEDIA A ETERNAL ASIA SUPPLY CH A FOCUSED PHOTONICS A GLARUN TECHNOLOGY CO A GUANGXI LIUGONG MACH A GUANGYUYUAN CHINESE A HAND ENTERPRISE SOLN A HANGZHOU LIAISON INTER A HARBIN PHARMA GROUP A HUAPONT LIFE SCIENCES A JIANGXI GANYUE EXPRESS A JIANGXI SPECIAL ELEC A JIIJIN ZIXIN PHARMA A LONCIN MOTOR A MLS A NORTH HUAJIN CHEM IND A PINGDINGSHAN TIANAN CO A SGIS SONGSHAN A SHANGHAI SHUNHO NEW A SHENZHEN WORLDUNION A TAIHAI MANOIR NUCLEAR A TONGDING INTERCONNECTI A TUNGHSU AZURE RENEW A XIAMEN XIANGYU CO A XIAN INTL MEDICAL INV A YINGKOU PORT LIABILITY A ZHEJIANG HISUN PHARMA A ZHONGSHAN BROAD OCEAN A

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