证券代码:002480 证券简称:新筑股份 公告编号:2019-029

成都市新筑路桥机械股份有限公司

2018 年度报告摘要

一、重要提示

本年度报告摘要来自年度报告全文,为全面了解本公司的经营成果、财务状况及未来发展规划,投资者应当到证监会指定媒体仔细阅读年度报告全文。

董事、监事、高级管理人员异议声明

姓名	职务	内容和原因

声明

除下列董事外,其他董事亲自出席了审议本次年报的董事会会议

未亲自出席董事姓名	未亲自出席董事职务	未亲自出席会议原因	被委托人姓名
冯克敏	董事	出差	肖光辉
冯俭	独立董事	出差	王砾
李双海	独立董事	出差	王砾

非标准审计意见提示

□ 适用 √ 不适用

董事会审议的报告期普通股利润分配预案或公积金转增股本预案

□ 适用 √ 不适用

公司计划不派发现金红利,不送红股,不以公积金转增股本。

董事会决议通过的本报告期优先股利润分配预案

□ 适用 √ 不适用

二、公司基本情况

1、公司简介

股票简称	新筑股份	股票代码	002480
股票上市交易所	深圳证券交易所		

联系人和联系方式	董事会秘书	证券事务代表
姓名	张杨	
办公地址	成都市四川新津工业园区	
电话	028-82550671	
电子信箱	vendition@xinzhu.com	

2、报告期主要业务或产品简介

2018年,公司积极进行战略升级,确立了聚焦轨道交通业务,桥梁功能部件、超级电容系统协同发展的格局,致力于以车辆、轨道制造及系统集成为基础,为客户提供城市轨道交通系统解决方案的全生命周期综合服务。

(一)轨道交通业务

我国已进入高质量发展新时期,随着经济社会的快速发展,城市化进程的加快和人民日益增长的美好生活需要,城市轨道交通的市场需求延续高增长,发展前景非常广阔。我国城市轨道交通已进入快速发展的新时期,在建线路长度和规划线路长度屡创历史新高,制式结构多元化趋势愈发明显。公司轨道交通业务现有了现代有轨电车系统、悬挂式空轨系统、内胀式中低速磁浮系统、新型轨道系统等产品,已具备市场拓展的条件,借助四川发展投融资平台及市场资源优势,产业规模有望实现快速突破。

1.现代有轨电车系统

现代有轨电车系统是一种新型的城市公共交通体系,包括现代有轨电车车辆、“四电”系统(含通信系统、信号控制系统、牵引力供电系统、电力供电系统)、土建(含地基、整体道床、轨道、站台车辆段及停车场)以及其他系统等;其中,现代有轨电车车辆是整个系统的核心。现代有轨电车是在传统有轨电车基础上发展起来的新型公共交通运输工具,介于公交和轨铁、地铁之间,具有快捷方便、节能环保、安全舒适、占用道路资源少、造价低、建设周期短、运营成本低等优点且与传统有轨电车有本质区别,当前国家面临严峻的节能减排、环境保护形势和大力推广、优化公共交通的迫切需要,现代有轨电车能够作为大城市公共交通的有效补充,中小城市公共交通的主力,具有良好的市场前景。公司拥有最全的现代有轨电车品种,具备提供系统解决方案的服务能力,具有差异化的竞争优势。

2.悬挂式空轨系统

2017年5月,公司与德国多特蒙德H-Bahn21公司签订技术转让协议,在国内独家引进世界最先进成熟可靠的悬挂式空轨,包括车辆、轨道、道岔、牵引、控制、信号、车站、维保以及类车积累的运营管理制度及文件等全套核心技术。悬挂式空轨系统是一种轨道为单根带振梁体,轨道梁由支撑柱支撑,车辆悬挂于梁下的交通模式,是单轨交通的主要形式之一,作为一种轻型、中等速度、中小运量的公共交通方式,在德国已有36年的成熟运营经验,是一体化、多模式、立体公交体系的必要组成部分,与常规公交、其它轨道交通等公交方式拥位发展,互为补充,是公共交通体系的有益补充和完善,具有技术成熟、建设和运营维保成本低、占地面积小、环境适应性强等优点。

3.内胀式中低速磁浮系统

2018年3月15日,公司与世界磁浮交通系统领军企业德国博格公司签订正式技术许可协议,全面引进和掌握世界领先的内胀式中低速磁浮系统包括车辆、轨道梁、信号、控制和系统集成等在内的全套核心技术,并将实现国产化和本地产业化。内胀式中低速磁浮系统是一种采用电磁吸力原理的新型轨道交通专家,以全系统设计理念,通过革命性的结构创新和控制技术提升,历经10年的构思、研发、试验、验证和优化打造而成,是一套安全成熟可靠的新型城市轨道交通系统。内胀式中低速磁浮系统在运行速度、加速能力、载客能力、综合能效、爬坡能力、转弯半径、磁辐射量、噪声和振动控制、限界尺寸等所有技术指标方面全面大幅优于世界范围内现有的中低速磁浮系统,达到世界领先的技术先性;是目前全世界应用范围最广的城市轨道交通系统,可广泛应用于地铁、轻轨、市域快轨、短途城际与旅游交通等90%以上的城市轨道交通市场;技术先进性和综合性价比远优于同等运量和速度等级的传统城市轨道交通制式,批量使用后建设和运营维保成本可降低30%以上。内胀式中低速磁浮系统是全世界真正意义上的第二代中低速磁浮系统,是城市轨道交通发展的风向标,已经具备全面取代传统城市轨道交通制式的基本条件,将引领城市轨道交通步入无轮时代,给城市轨道交通150多年的发展带来颠覆性创新和革命性变化。

4.新型轨道系统

公司计划在传统现代有轨电车系统、悬挂式空轨系统、内胀式中低速磁浮系统的基础上,在国际市场上通过收购、合作、参股等方式,运用“车线耦合设计理念”,研发出了嵌入式走线支承无轨轨道系统,并掌握设计、制造、施工、维保等全套核心技术和自主知识产权,达到国内领先、国际先进的技术水平,填补了国内空白,于2016年率先通过URCC认证。该系统是将钢轨嵌入到混凝土整体道床中,采用高分子阻尼材料连续支承、弹性钢筋钢轨扣件一种全新结构形式的轨道系统,可广泛应用于现代有轨电车、地铁、轻轨和市域交通等领域,具有安全舒适、减振降噪性能显著、全生命周期成本低、绝缘性能好、工厂化制造等优点;已在新津现代有轨电车R1线、成都现代有轨电车蓉2号线、云南红河州现代有轨电车示范线、海南三亚现代有轨电车示范线、广州地铁14号线等省内外项目中应用。

(二)桥梁功能部件

桥梁功能部件是指桥梁及其它类似建筑设施中所必需的用于重要承力与传力部位,并能满足桥梁运动与运营功能,其性能符合行业标准的功能部件。桥梁功能部件行业的周期性主要依赖于下游铁路、公路建设行业,铁路、公路建设行业受国家对固定资产投资的影响非常大,而国家的固定资产投资规模又在相当程度上受国家宏观经济政策的影响,因此国民经济发展的周期性导致了桥梁功能部件行业存在一定的周期性。当前,我国铁路、公路建设仍保持较高投入,交通基础设施的普护保养需求日益增加,桥梁功能部件行业呈现稳定发展的趋势。经过多年发展,公司已成为桥梁功能部件行业中拥有CRCC认证产品品种最齐全、产品链最完整的企业之一,同时也是行业国内率先通过欧盟CE国际认证的企业,公司已发展成为一家能够为客户提供从产品研发、设计、产品到现场售后服务整体解决方案的全国行业知名领先企业。国内绝大部分的高速铁路、高速公路和世界桥梁工程所应用了公司的桥梁功能部件产品,并远销欧洲、澳洲、美洲的多个国家和地区。公司开发的桥梁检查车、地质灾害治理等产品在市场上得到了广泛应用,桥梁维护保养、地质灾害治理和城市轨道交通市场的拓展取得积极成效,为产业可持续发展打下了良好的基础。

(三)超级电容系统

公司超级电容系统业务由控股子公司奥威科技承租。奥威科技是中国超级电容器行业的龙头企业,被工信部、中国超级电容产业联盟、中国电子工业标准化技术协会等单位联合评选为“2017年度中国超级电容器产业十佳企业”之首,承担了国家“863计划”电动汽车重大专项“车用超级电容器”课题及多个国家科技支撑计划,建有我国唯一的“国家车用超级电容器系统工程技术研究中心”,建立了中国超级电容器标准体系,先后主持或参与了8项行业标准的制定,参与了以色列超级电容国家标准制定,产品获得了国家认证,并通过了欧盟REACH、RoHS、WEEE、RoHS2、RoHS2-Amendment、RoHS2-Amendment-2、RoHS2-Amendment-3、RoHS2-Amendment-4、RoHS2-Amendment-5、RoHS2-Amendment-6、RoHS2-Amendment-7、RoHS2-Amendment-8、RoHS2-Amendment-9、RoHS2-Amendment-10、RoHS2-Amendment-11、RoHS2-Amendment-12、RoHS2-Amendment-13、RoHS2-Amendment-14、RoHS2-Amendment-15、RoHS2-Amendment-16、RoHS2-Amendment-17、RoHS2-Amendment-18、RoHS2-Amendment-19、RoHS2-Amendment-20、RoHS2-Amendment-21、RoHS2-Amendment-22、RoHS2-Amendment-23、RoHS2-Amendment-24、RoHS2-Amendment-25、RoHS2-Amendment-26、RoHS2-Amendment-27、RoHS2-Amendment-28、RoHS2-Amendment-29、RoHS2-Amendment-30、RoHS2-Amendment-31、RoHS2-Amendment-32、RoHS2-Amendment-33、RoHS2-Amendment-34、RoHS2-Amendment-35、RoHS2-Amendment-36、RoHS2-Amendment-37、RoHS2-Amendment-38、RoHS2-Amendment-39、RoHS2-Amendment-40、RoHS2-Amendment-41、RoHS2-Amendment-42、RoHS2-Amendment-43、RoHS2-Amendment-44、RoHS2-Amendment-45、RoHS2-Amendment-46、RoHS2-Amendment-47、RoHS2-Amendment-48、RoHS2-Amendment-49、RoHS2-Amendment-50、RoHS2-Amendment-51、RoHS2-Amendment-52、RoHS2-Amendment-53、RoHS2-Amendment-54、RoHS2-Amendment-55、RoHS2-Amendment-56、RoHS2-Amendment-57、RoHS2-Amendment-58、RoHS2-Amendment-59、RoHS2-Amendment-60、RoHS2-Amendment-61、RoHS2-Amendment-62、RoHS2-Amendment-63、RoHS2-Amendment-64、RoHS2-Amendment-65、RoHS2-Amendment-66、RoHS2-Amendment-67、RoHS2-Amendment-68、RoHS2-Amendment-69、RoHS2-Amendment-70、RoHS2-Amendment-71、RoHS2-Amendment-72、RoHS2-Amendment-73、RoHS2-Amendment-74、RoHS2-Amendment-75、RoHS2-Amendment-76、RoHS2-Amendment-77、RoHS2-Amendment-78、RoHS2-Amendment-79、RoHS2-Amendment-80、RoHS2-Amendment-81、RoHS2-Amendment-82、RoHS2-Amendment-83、RoHS2-Amendment-84、RoHS2-Amendment-85、RoHS2-Amendment-86、RoHS2-Amendment-87、RoHS2-Amendment-88、RoHS2-Amendment-89、RoHS2-Amendment-90、RoHS2-Amendment-91、RoHS2-Amendment-92、RoHS2-Amendment-93、RoHS2-Amendment-94、RoHS2-Amendment-95、RoHS2-Amendment-96、RoHS2-Amendment-97、RoHS2-Amendment-98、RoHS2-Amendment-99、RoHS2-Amendment-100、RoHS2-Amendment-101、RoHS2-Amendment-102、RoHS2-Amendment-103、RoHS2-Amendment-104、RoHS2-Amendment-105、RoHS2-Amendment-106、RoHS2-Amendment-107、RoHS2-Amendment-108、RoHS2-Amendment-109、RoHS2-Amendment-110、RoHS2-Amendment-111、RoHS2-Amendment-112、RoHS2-Amendment-113、RoHS2-Amendment-114、RoHS2-Amendment-115、RoHS2-Amendment-116、RoHS2-Amendment-117、RoHS2-Amendment-118、RoHS2-Amendment-119、RoHS2-Amendment-120、RoHS2-Amendment-121、RoHS2-Amendment-122、RoHS2-Amendment-123、RoHS2-Amendment-124、RoHS2-Amendment-125、RoHS2-Amendment-126、RoHS2-Amendment-127、RoHS2-Amendment-128、RoHS2-Amendment-129、RoHS2-Amendment-130、RoHS2-Amendment-131、RoHS2-Amendment-132、RoHS2-Amendment-133、RoHS2-Amendment-134、RoHS2-Amendment-135、RoHS2-Amendment-136、RoHS2-Amendment-137、RoHS2-Amendment-138、RoHS2-Amendment-139、RoHS2-Amendment-140、RoHS2-Amendment-141、RoHS2-Amendment-142、RoHS2-Amendment-143、RoHS2-Amendment-144、RoHS2-Amendment-145、RoHS2-Amendment-146、RoHS2-Amendment-147、RoHS2-Amendment-148、RoHS2-Amendment-149、RoHS2-Amendment-150、RoHS2-Amendment-151、RoHS2-Amendment-152、RoHS2-Amendment-153、RoHS2-Amendment-154、RoHS2-Amendment-155、RoHS2-Amendment-156、RoHS2-Amendment-157、RoHS2-Amendment-158、RoHS2-Amendment-159、RoHS2-Amendment-160、RoHS2-Amendment-161、RoHS2-Amendment-162、RoHS2-Amendment-163、RoHS2-Amendment-164、RoHS2-Amendment-165、RoHS2-Amendment-166、RoHS2-Amendment-167、RoHS2-Amendment-168、RoHS2-Amendment-169、RoHS2-Amendment-170、RoHS2-Amendment-171、RoHS2-Amendment-172、RoHS2-Amendment-173、RoHS2-Amendment-174、RoHS2-Amendment-175、RoHS2-Amendment-176、RoHS2-Amendment-177、RoHS2-Amendment-178、RoHS2-Amendment-179、RoHS2-Amendment-180、RoHS2-Amendment-181、RoHS2-Amendment-182、RoHS2-Amendment-183、RoHS2-Amendment-184、RoHS2-Amendment-185、RoHS2-Amendment-186、RoHS2-Amendment-187、RoHS2-Amendment-188、RoHS2-Amendment-189、RoHS2-Amendment-190、RoHS2-Amendment-191、RoHS2-Amendment-192、RoHS2-Amendment-193、RoHS2-Amendment-194、RoHS2-Amendment-195、RoHS2-Amendment-196、RoHS2-Amendment-197、RoHS2-Amendment-198、RoHS2-Amendment-199、RoHS2-Amendment-200、RoHS2-Amendment-201、RoHS2-Amendment-202、RoHS2-Amendment-203、RoHS2-Amendment-204、RoHS2-Amendment-205、RoHS2-Amendment-206、RoHS2-Amendment-207、RoHS2-Amendment-208、RoHS2-Amendment-209、RoHS2-Amendment-210、RoHS2-Amendment-211、RoHS2-Amendment-212、RoHS2-Amendment-213、RoHS2-Amendment-214、RoHS2-Amendment-215、RoHS2-Amendment-216、RoHS2-Amendment-217、RoHS2-Amendment-218、RoHS2-Amendment-219、RoHS2-Amendment-220、RoHS2-Amendment-221、RoHS2-Amendment-222、RoHS2-Amendment-223、RoHS2-Amendment-224、RoHS2-Amendment-225、RoHS2-Amendment-226、RoHS2-Amendment-227、RoHS2-Amendment-228、RoHS2-Amendment-229、RoHS2-Amendment-230、RoHS2-Amendment-231、RoHS2-Amendment-232、RoHS2-Amendment-233、RoHS2-Amendment-234、RoHS2-Amendment-235、RoHS2-Amendment-236、RoHS2-Amendment-237、RoHS2-Amendment-238、RoHS2-Amendment-239、RoHS2-Amendment-240、RoHS2-Amendment-241、RoHS2-Amendment-242、RoHS2-Amendment-243、RoHS2-Amendment-244、RoHS2-Amendment-245、RoHS2-Amendment-246、RoHS2-Amendment-247、RoHS2-Amendment-248、RoHS2-Amendment-249、RoHS2-Amendment-250、RoHS2-Amendment-251、RoHS2-Amendment-252、RoHS2-Amendment-253、RoHS2-Amendment-254、RoHS2-Amendment-255、RoHS2-Amendment-256、RoHS2-Amendment-257、RoHS2-Amendment-258、RoHS2-Amendment-259、RoHS2-Amendment-260、RoHS2-Amendment-261、RoHS2-Amendment-262、RoHS2-Amendment-263、RoHS2-Amendment-264、RoHS2-Amendment-265、RoHS2-Amendment-266、RoHS2-Amendment-267、RoHS2-Amendment-268、RoHS2-Amendment-269、RoHS2-Amendment-270、RoHS2-Amendment-271、RoHS2-Amendment-272、RoHS2-Amendment-273、RoHS2-Amendment-274、RoHS2-Amendment-275、RoHS2-Amendment-276、RoHS2-Amendment-277、RoHS2-Amendment-278、RoHS2-Amendment-279、RoHS2-Amendment-280、RoHS2-Amendment-281、RoHS2-Amendment-282、RoHS2-Amendment-283、RoHS2-Amendment-284、RoHS2-Amendment-285、RoHS2-Amendment-286、RoHS2-Amendment-287、RoHS2-Amendment-288、RoHS2-Amendment-289、RoHS2-Amendment-290、RoHS2-Amendment-291、RoHS2-Amendment-292、RoHS2-Amendment-293、RoHS2-Amendment-294、RoHS2-Amendment-295、RoHS2-Amendment-296、RoHS2-Amendment-297、RoHS2-Amendment-298、RoHS2-Amendment-299、RoHS2-Amendment-300、RoHS2-Amendment-301、RoHS2-Amendment-302、RoHS2-Amendment-303、RoHS2-Amendment-304、RoHS2-Amendment-305、RoHS2-Amendment-306、RoHS2-Amendment-307、RoHS2-Amendment-308、RoHS2-Amendment-309、RoHS2-Amendment-310、RoHS2-Amendment-311、RoHS2-Amendment-312、RoHS2-Amendment-313、RoHS2-Amendment-314、RoHS2-Amendment-315、RoHS2-Amendment-316、RoHS2-Amendment-317、RoHS2-Amendment-318、RoHS2-Amendment-319、RoHS2-Amendment-320、RoHS2-Amendment-321、RoHS2-Amendment-322、RoHS2-Amendment-323、RoHS2-Amendment-324、RoHS2-Amendment-325、RoHS2-Amendment-326、RoHS2-Amendment-327、RoHS2-Amendment-328、RoHS2-Amendment-329、RoHS2-Amendment-330、RoHS2-Amendment-331、RoHS2-Amendment-332、RoHS2-Amendment-333、RoHS2-Amendment-334、RoHS2-Amendment-335、RoHS2-Amendment-336、RoHS2-Amendment-337、RoHS2-Amendment-338、RoHS2-Amendment-339、RoHS2-Amendment-340、RoHS2-Amendment-341、RoHS2-Amendment-342、RoHS2-Amendment-343、RoHS2-Amendment-344、RoHS2-Amendment-345、RoHS2-Amendment-346、RoHS2-Amendment-347、RoHS2-Amendment-348、RoHS2-Amendment-349、RoHS2-Amendment-350、RoHS2-Amendment-351、RoHS2-Amendment-352、RoHS2-Amendment-353、RoHS2-Amendment-354、RoHS2-Amendment-355、RoHS2-Amendment-356、RoHS2-Amendment-357、RoHS2-Amendment-358、RoHS2-Amendment-359、RoHS2-Amendment-360、RoHS2-Amendment-361、RoHS2-Amendment-362、RoHS2-Amendment-363、RoHS2-Amendment-364、RoHS2-Amendment-365、RoHS2-Amendment-366、RoHS2-Amendment-367、RoHS2-Amendment-368、RoHS2-Amendment-369、RoHS2-Amendment-370、RoHS2-Amendment-371、RoHS2-Amendment-372、RoHS2-Amendment-373、RoHS2-Amendment-374、RoHS2-Amendment-375、RoHS2-Amendment-376、RoHS2-Amendment-377、RoHS2-Amendment-378、RoHS2-Amendment-379、RoHS2-Amendment-380、RoHS2-Amendment-381、RoHS2-Amendment-382、RoHS2-Amendment-383、RoHS2-Amendment-384、RoHS2-Amendment-385、RoHS2-Amendment-386、RoHS2-Amendment-387、RoHS2-Amendment-388、RoHS2-Amendment-389、RoHS2-Amendment-390、RoHS2-Amendment-391、RoHS2-Amendment-392、RoHS2-Amendment-393、RoHS2-Amendment-394、RoHS2-Amendment-395、RoHS2-Amendment-396、RoHS2-Amendment-397、RoHS2-Amendment-398、RoHS2-Amendment-399、RoHS2-Amendment-400、RoHS2-Amendment-401、RoHS2-Amendment-402、RoHS2-Amendment-403、RoHS2-Amendment-404、RoHS2-Amendment-405、RoHS2-Amendment-406、RoHS2-Amendment-407、RoHS2-Amendment-408、RoHS2-Amendment-409、RoHS2-Amendment-410、RoHS2-Amendment-411、RoHS2-Amendment-412、RoHS2-Amendment-413、RoHS2-Amendment-414、RoHS2-Amendment-415、RoHS2-Amendment-416、RoHS2-Amendment-417、RoHS2-Amendment-418、RoHS2-Amendment-419、RoHS2-Amendment-420、RoHS2-Amendment-421、RoHS2-Amendment-422、RoHS2-Amendment-423、RoHS2-Amendment-424、RoHS2-Amendment-425、RoHS2-Amendment-426、RoHS2-Amendment-427、RoHS2-Amendment-428、RoHS2-Amendment-429、RoHS2-Amendment-430、RoHS2-Amendment-431、RoHS2-Amendment-432、RoHS2-Amendment-433、RoHS2-Amendment-434、RoHS2-Amendment-435、RoHS2-Amendment-436、RoHS2-Amendment-437、RoHS2-Amendment-438、RoHS2-Amendment-439、RoHS2-Amendment-440、RoHS2-Amendment-441、RoHS2-Amendment-442、RoHS2-Amendment-443、RoHS2-Amendment-444、RoHS2-Amendment-445、RoHS2-Amendment-446、RoHS2-Amendment-447、RoHS2-Amendment-448、RoHS2-Amendment-449、RoHS2-Amendment-450、RoHS2-Amendment-451、RoHS2-Amendment-452、RoHS2-Amendment-453、RoHS2-Amendment-454、RoHS2-Amendment-455、RoHS2-Amendment-456、RoHS2-Amendment-457、RoHS2-Amendment-458、RoHS2-Amendment-459、RoHS2-Amendment-460、RoHS2-Amendment-461、RoHS2-Amendment-462、RoHS2-Amendment-463、RoHS2-Amendment-464、RoHS2-Amendment-465、RoHS2-Amendment-466、RoHS2-Amendment-467、RoHS2-Amendment-468、RoHS2-Amendment-469、RoHS2-Amendment-470、RoHS2-Amendment-471、RoHS2-Amendment-472、RoHS2-Amendment-473、RoHS2-Amendment-474、RoHS2-Amendment-475、RoHS2-Amendment-476、RoHS2-Amendment-477、RoHS2-Amendment-478、RoHS2-Amendment-479、RoHS2-Amendment-480、RoHS2-Amendment-481、RoHS2-Amendment-482、RoHS2-Amendment-483、RoHS2-Amendment-484、RoHS2-Amendment-485、RoHS2-Amendment-486、RoHS2-Amendment-487、RoHS2-Amendment-488、RoHS2-Amendment-489、RoHS2-Amendment-490、RoHS2-Amendment-491、RoHS2-Amendment-492、RoHS2-Amendment-493、RoHS2-Amendment-494、RoHS2-Amendment-495、RoHS2-Amendment-496、RoHS2-Amendment-497、RoHS2-Amendment-498、RoHS2-Amendment-499、RoHS2-Amendment-500、RoHS2-Amendment-501、RoHS2-Amendment-502、RoHS2-Amendment-503、RoHS2-Amendment-504、RoHS2-Amendment-505、RoHS2-Amendment-506、RoHS2-Amendment-507、RoHS2-Amendment-508、RoHS2-Amendment-509、RoHS2-Amendment-510、RoHS2-Amendment-511、RoHS2-Amendment-512、RoHS2-Amendment-513、RoHS2-Amendment-514、RoHS2-Amendment-515、RoHS2-Amendment-516、RoHS2-Amendment-517、RoHS2-Amendment-518、RoHS2-Amendment-519、RoHS2-Amendment-520、RoHS2-Amendment-521、RoHS2-Amendment-522、RoHS2-Amendment-523、RoHS2-Amendment-524、RoHS2-Amendment-525、RoHS2-Amendment-526、RoHS2-Amendment-527、RoHS2-Amendment-528、RoHS2-Amendment-529、RoHS2-Amendment-530、RoHS2-Amendment-531、RoHS2-Amendment-532、RoHS2-Amendment-533、RoHS2-Amendment-534、RoHS2-Amendment-535、RoHS2-Amendment-536、RoHS2-Amendment-537、RoHS2-Amendment-538、RoHS2-Amendment-539、RoHS2-Amendment-540、RoHS2-Amendment-541、RoHS2-Amendment-542、RoHS2-Amendment-543、RoHS2-Amendment-544、RoHS2-Amendment-545、RoHS2-Amendment-546、RoHS2-Amendment-547、RoHS2-Amendment-548、RoHS2-Amendment-549、RoHS2-Amendment-550、RoHS2-Amendment-551、RoHS2-Amendment-552、RoHS2-Amendment-553、RoHS2-Amendment-554、RoHS2-Amendment-555、RoHS2-Amendment-556、RoHS2-Amendment-557、RoHS2-Amendment-558、RoHS2-Amendment-559、RoHS2-Amendment-560、RoHS2-Amendment-561、RoHS2-Amendment-562、RoHS2-Amendment-563、RoHS2-Amendment-564、RoHS2-Amendment-565、RoHS2-Amendment-566、RoHS2-Amendment-567、RoHS2-Amendment-568、RoHS2-Amendment-569、RoHS2-Amendment-570、RoHS2-Amendment-571、RoHS2-Amendment-572、RoHS2-Amendment-573、RoHS2-Amendment-574、RoHS2-Amendment-575、RoHS2-Amendment-576、RoHS2-Amendment-577、RoHS2-Amendment-578、RoHS2-Amendment-579、RoHS2-Amendment-580、RoHS2-Amendment-581、RoHS2-Amendment-582、RoHS2-Amendment-583、RoHS2-Amendment-584、RoHS2-Amendment-585、RoHS2-Amendment-586、RoHS2-Amendment-587、RoHS2-Amendment-588、RoHS2-Amendment-589、RoHS2-Amendment-590、RoHS2-Amendment-591、RoHS2-Amendment-592、RoHS2-Amendment-593、RoHS2-Amendment-594、RoHS2-Amendment-595、RoHS2-Amendment-596、RoHS2-Amendment-597、RoHS2-Amendment-598、RoHS2-Amendment-599、RoHS2-Amendment-600、RoHS2-Amendment-601、RoHS2-Amendment-602、RoHS2-Amendment-603、RoHS2-Amendment-604、RoHS2-Amendment-605、RoHS2-Amendment-606、RoHS2-Amendment-607、RoHS2-Amendment-608、RoHS2-Amendment-609、RoHS2-Amendment-610、RoHS2-Amendment-611、RoHS2-Amendment-612、RoHS2-Amendment-613、RoHS2-Amendment-614、RoHS2-Amendment-615、RoHS2-Amendment-616、RoHS2-Amendment-617、RoHS2-Amendment-618、RoHS2-Amendment-619、RoHS2-Amendment-620、RoHS2-Amendment-621、RoHS2-Amendment-622、RoHS2-Amendment-623、RoHS2-Amendment-624、RoHS2-Amendment-625、RoHS2-Amendment-626、RoHS2-Amendment-627、RoHS2-Amendment-628、RoHS2-Amendment-629、RoHS2-Amendment-630、RoHS2-Amendment-631、RoHS2-Amendment-632、RoHS2-Amendment-633、RoHS2-Amendment-634、RoHS2-Amendment-635、RoHS2-Amendment-636、RoHS2-Amendment-637、RoHS2-Amendment-638、RoHS2-Amendment-639、RoHS2-Amendment-640、RoHS2-Amendment-641、RoHS2-Amendment-642、RoHS2-Amendment-643、RoHS2-Amendment-644、RoHS2-Amendment-645、RoHS2-Amendment-646、RoHS2-Amendment-647、RoHS2-Amendment-648、RoHS2-Amendment-649、RoHS2-Amendment-650、RoHS2-Amendment-651、RoHS2-Amendment-652、RoHS2-Amendment-653、RoHS2-Amendment-654、RoHS2-Amendment-655、RoHS2-Amendment-656、RoHS2-Amendment-657、RoHS2-Amendment-658、RoHS2-Amendment-659、RoHS2-Amendment-660、RoHS2-Amendment-661、RoHS2-Amendment-662、RoHS2-Amendment-663、RoHS2-Amendment-664、RoHS2-Amendment-665、RoHS2-Amendment-666、RoHS2-Amendment-667、RoHS2-Amendment-668、RoHS2-Amendment-669、RoHS2-Amendment-670、RoHS2-Amendment-671、RoHS2-Amendment-672、RoHS2-Amendment-673、RoHS2-Amendment-674、RoHS2-Amendment-675、RoHS2-Amendment-676、RoHS2-Amendment-677、RoHS2-Amendment-678、RoHS2-Amendment-679、RoHS2-Amendment-680、RoHS2-Amendment-681、RoHS2-Amendment-682、RoHS2-Amendment-683、RoHS2-Amendment-684、RoHS2-Amendment-685、RoHS2-Amendment-686、RoHS2-Amendment-687、RoHS2-Amendment-688、RoHS2-Amendment-689、RoHS2-Amendment-690、RoHS2-Amendment-691、RoHS2-Amendment-692、RoHS2-Amendment-693、RoHS2-Amendment-694、RoHS2-Amendment-695、RoHS2-Amendment-696、RoHS2-Amendment-697、RoHS2-Amendment-698、RoHS2-Amendment-699、RoHS2-Amendment-700、RoHS2-Amendment-701、RoHS2-Amendment-702、RoHS2-Amendment-703、RoHS2-Amendment-704、RoHS2-Amendment-705、RoHS2-Amendment-706、RoHS2-Amendment-707、RoHS2-Amendment-708、RoHS2-Amendment-709、RoHS2-Amendment-710、RoHS2-Amendment-711、RoHS2-Amendment-712、RoHS2-Amendment-713、RoHS2-Amendment-714、RoHS2-Amendment-715、RoHS2-Amendment-716、RoHS2-Amendment-717、RoHS2-Amendment-718、RoHS2-Amendment-719、RoHS2-Amendment-720、RoHS2-Amendment-721、RoHS2-Amendment-722、RoHS2-Amendment-723、RoHS2-Amendment-724、RoHS2-Amendment-725、RoHS2-Amendment-726、RoHS2-Amendment-727、RoHS2-Amendment-728、RoHS2-Amendment-729、RoHS2-Amendment-730、RoHS2-Amendment-731、RoHS2-Amendment-732、RoHS2-Amendment-733、RoHS2-Amendment-734、RoHS2-Amendment-735、RoHS2-Amendment-736、RoHS2-Amendment-737、RoHS2-Amendment-738、RoHS2-Amendment-739、RoHS2-Amendment-740、RoHS2-Amendment-741、RoHS2-Amendment-742、RoHS2-Amendment-743、RoHS2-Amendment-744、RoHS2-Amendment-745、RoHS2-Amendment-746、RoHS2-Amendment-747、RoHS2-Amendment-748、RoHS2-Amendment-749、RoHS2-Amendment-750、RoHS2-Amendment-751、RoHS2-Amendment-752、RoHS2-Amendment-753、RoHS2-Amendment-754、RoHS2-Amendment-755、RoHS2-Amendment-756、RoHS2-Amendment-757、RoHS2-Amendment-758、RoHS2-Amendment-759、RoHS2-Amendment-760、RoHS2-Amendment-761、RoHS2-Amendment-762、RoHS2-Amendment-763、RoHS2-Amendment-764、RoHS2-Amendment-765、RoHS2-Amendment-766、RoHS2-Amendment-767、RoHS2-Amendment-768、RoHS2-Amendment-769、RoHS2-Amendment-770、RoHS2-Amendment-771、RoHS2-Amendment-772、RoHS2-Amendment-773、RoHS2-Amendment-774、RoHS2-Amendment-775、RoHS2-Amendment-776、RoHS2-Amendment-777、RoHS2-Amendment-778、RoHS2-Amendment-779、RoHS2-Amendment-780、RoHS2-Amendment-781、RoHS2-Amendment-782、RoHS2-Amendment-783、RoHS2-Amendment-784、RoHS2-Amendment-785、RoHS2-Amendment-786、RoHS2-Amendment-787、RoHS2-Amendment-788、RoHS2-Amendment-789、RoHS2-Amendment-790、RoHS2-Amendment-791、RoHS2-Amendment-792、RoHS2-Amendment-793、RoHS2-Amendment-794、RoHS2-Amendment-795、RoHS2-Amendment-796、RoHS2-Amendment-797、RoHS2-Amendment-798、RoHS2-Amendment-799、RoHS2-Amendment-800、RoHS2-Amendment-801、RoHS2-Amendment-802、RoHS2-Amendment-803、RoHS2-Amendment-804、RoHS2-Amendment-805、RoHS2-Amendment-806、RoHS2-Amendment-807、RoHS2-Amendment-808、RoHS2-Amendment-809、RoHS2-Amendment-810、RoHS2-Amendment-811、RoHS2-Amendment-812、RoHS2-Amendment-813、RoHS2-Amendment-814、RoHS2-Amendment-815、RoHS2-Amendment-816、RoHS2-Amendment-817、RoHS2-Amendment-818、RoHS2-Amendment-819、RoHS2-Amendment-820、RoHS2-Amendment-821、RoHS2-Amendment-822、RoHS2-Amendment-823、RoHS2-Amendment-824、RoHS2-Amendment-825、RoHS2-Amendment-826、RoHS2-Amendment-827、RoHS2-Amendment-828、RoHS2-Amendment-829、RoHS2-Amendment-830、RoHS2-Amendment-831、RoHS2-Amendment-832、RoHS2-Amendment-833、RoHS2-Amendment-834、RoHS2-Amendment-835、RoHS2-Amendment-836、RoHS2-Amendment-837、RoHS2-Amendment-838、RoHS2-Amendment-839、RoHS2-Amendment-840、RoHS2-Amendment-841、RoHS2-Amendment-842、RoHS2-Amendment-843、RoHS2-Amendment-844、RoHS2-Amendment-845、RoHS2-Amendment-846、RoHS2-Amendment-847、RoHS2-Amendment-848、RoHS2-Amendment-849、RoHS2-Amendment-850、RoHS2-Amendment-851、RoHS2-Amendment-852、RoHS2-Amendment-853、RoHS2-Amendment-854、RoHS2-Amendment-855、RoHS2-Amendment-856、RoHS2-Amendment-857、RoHS2-Amendment-858、RoHS2-Amendment-859、RoHS2-Amendment-860、RoHS2-Amendment-861、RoHS2-Amendment-862、RoHS2-Amendment-863、RoHS2-Amendment-864、RoHS2-Amendment-865、RoHS2-Amendment-866、RoHS2-Amendment-867、RoHS2-Amendment-868、RoHS2-Amendment-869、RoHS2-Amendment-870、RoHS2-Amendment-871、RoHS2-Amendment-872、RoHS2-Amendment-873、RoHS2-Amendment-874、RoHS2-Amendment-875、RoHS2-Amendment-876、RoHS2-Amendment-877、RoHS2-Amendment-878、RoHS2-Amendment-879、RoHS2-Amendment-880、RoHS2-Amendment-881、RoHS2-Amendment-882、RoHS2-Amendment-883、RoHS2-Amendment-884、RoHS2-Amendment-885、RoHS2-Amendment-886、RoHS2-Amendment-887、RoHS2-Amendment-888、RoHS2-Amendment-889、RoHS2-Amendment-890、RoHS2-Amendment-891、RoHS2-Amendment-892、RoHS2-Amendment-893、RoHS2-Amendment-894、RoHS2-Amendment-895、RoHS2-Amendment-896、RoHS2-Amendment-897、RoHS2-Amendment-898、RoHS2-Amendment-899、RoHS2-Amendment-900、RoHS2-Amendment-901、RoHS2-Amendment-902、RoHS2-Amendment-903、RoHS2-Amendment-904、RoHS2-Amendment-905、RoHS2-Amendment-906、RoHS2-Amendment-907、RoHS2-Amendment-908、RoHS2-Amendment-909、RoHS2-Amendment-910、RoHS2-Amendment-911、RoHS2-Amendment-912、RoHS2-Amendment-913、RoHS2-Amendment-914、RoHS2-Amendment-915、RoHS2-Amendment-916、RoHS2-Amendment-917、RoHS2-Amendment-918、RoHS2-Amendment-919、RoHS2-Amendment-920、RoHS2-Amendment-921、RoHS2-Amendment-922、RoHS2-Amendment-923、RoHS2-Amendment-924、RoHS2-Amendment-925、RoHS2-Amendment-926、RoHS2-Amendment-927、RoHS2-Amendment-928、RoHS2-Amendment-929、RoHS2-Amendment-930、RoHS2-Amendment-931、RoHS2-Amendment-932、RoHS2-Amendment-933、RoHS2-Amendment-934、RoHS2-Amendment-935、RoHS2-Amendment-936、RoHS2-Amendment-937、RoHS2-Amendment-938、RoHS2-Amendment-939、RoHS2-Amendment-940、RoHS2-Amendment-941、RoHS2-Amendment-942、RoHS2-Amendment-943、RoHS2-Amendment-944、RoHS2-Amendment-945、R