

Report of “The joint seminar of concrete materials and its quality issue in Mongolia and Japan (MCA-JSCE joint seminar 2019)”

Date: 19/9/2019
 Venue: Polaris room,
 IBIS STYLES
 HOTEL, Ulaanbaatar,
 Mongolia

The joint seminar of Mongolian Concrete Association (MCA) and Japan Society of Civil Engineers (JSCE) was held at IBIS styles hotel, Ulaanbaatar, Mongolia on September 19, 2019. This seminar entitled “*The joint seminar of concrete materials and its quality issue in Mongolia and Japan (Япон болон Монгол орны бетоны чанарын асуудалудын тухай хамтарсан семинар)*” was second time of holding since 2017 as a one of the activities of International sub-committee of JSCE. This seminar was held to discuss the concrete materials and its quality issue which will be diversified more and more. The themes of the seminar were “concrete materials and its quality issue: for example, chemical admixtures, recycled aggregate, by-products”, “deterioration of concrete members or the materials and its repairing issue”. The conference agenda is shown in Figure 1. There were seven presenters from Japan and Mongolia. From Japan, Dr. Fumoto (Kindai University), Mr. L.Batnasan (Aizawa Mongolia LLC) and Dr. Yamada (Member of International sub-committee of JSCE, Nihon University) were attended. In the opening remarks, Dr. Batmunkh Narantuya (Mongolian University of Science and Technology) and Dr. Yamada introduce the overview of this seminar, and activities of the International sub-committee was introduced based on “Newsletter”. The speech content was follows: “the concrete is one of industrial materials, meanwhile the quality is remarkably affected by property of the local materials. Therefore, it is difficult to maintain and to control the quality. And there are a lot of issues regarding to this. So, there is no almighty solution, and that one of important things is to make continuously discussion such as this seminar for the improvement of the concrete technology.” In the morning session, simplified estimating method of concrete quality by using water spraying, quality control of cold weather concreting, and introduction to the JSCE Standard Specifications for Concrete Structures and quality control in Japan were presented. In the afternoon session, digital revolution in construction industry, special cement types and its advantages, concrete quality and substances in Mongolia, and characteristics of recycled aggregate concrete were presented. In the discussion session, participants asked a lot of questions regarding to quality control of materials. In particular, for the Japanese presenters, they asked details of simplified estimating method of concrete quality and way to treat a concrete of lower strength than the design strength in the JSCE standards. We hope that this joint seminar will be a chance and a trigger to solve these issues, and will be fruitful and helpful for the improving the concrete technology.



The joint seminar of concrete materials and its quality issue in Japan and Mongolia

Япон болон Монгол орны бетоны чанарын асуудалуудын тухай хамтарсан семинар

When : 19 September 2019

2019 оны 9 сарын 19

Where: ULANBATOR, IRIS STYLES ULANBATOR, POLARIS FUNCTION ROOM

УЛААНБААТАР ХОТ, IRIS STYLES ULAANBAATAR, POLARIS ХУРЛЫН ТАНХИМ

Presentation topic / Илтгэлийн сэдэв /	Presenter / Илтгэгч /	Time / Цаг/	Organization / Байгууллага /
Registration, Morning coffee time / Бүртгэл ,Өглөөний кофе / 9.30-10.00			
OPENING ,НЭЭЛТИЙН АЖИЛЛАГАА	B.Narantuya Yuta Yamada	10.00- 10.10	MCA JSCE
<i>Fundamental study on simplified evaluating methods for quality of concrete based on water contents and brightness</i> Усны агууламж болон өнгөний цайваршилтаар бетоны чанарыг тодорхойлох хялбаршуулсан үнэлгээний аргуудад суурьласан үндсэн судалгаа	Yuta Yamada	10.10- 10.50	Associate Prof Nihon University Дэд Проф Нихон Их Сургууль
<i>Issues in cold weather concreting in Mongolia</i> Хүйтэний улиралд бетон зуурмаг зуурахад тулгардаг зарим асуудалууд	L.Batnasan Л.Батнасан	10.50-11.10	Engineer Aizawa Mongolia LLC Инженер Айзава Монгол ХХК
<i>Introduction to the JSCE Standard Specifications for Concrete Structures, and quality control in Japan</i> Япон улс дах JSCE/Японы Барилгын Инженерүүдийн холбоо/-ийн бетон хийц бүтээц болон чанарын стандартудын танилцуулга	Takayuki Fumoto	11.10 – 12.10	Associate Prof Kindai University Дэд Проф Кэндэй Их Сургууль
Lunch time / Өдрийн хоол / 12.10-13.30			
<i>Digital revolution in construction industry</i> Барилгын салбар дах цахим хувьсал	T.Oyunbaatar Т.Оюунбаатар	13.30- 13.55	Chief Strategy Office Premium Building Materials LLC Стратеги хариуцсан захирал Приемум бьюдинг материалс ХХК
<i>Special cement types, its advantages</i> Тусгай зориулалтын цементийн нэр төрөл,онцлог давуу тал	E.Bolormaa Э.Болормаа	13.55-14.20	Director,Associate Prof New Mongolia School of Technology Захирал Док.Дэд Проф Шинэ Монгол Технологийн дээд сургууль
<i>Concrete quality and substances in Mongolia</i> Монгол орны бетоны чанарын хяналт шалгалт, түүний мөн чанар	Ch. Dendevdorj Ч.Дэндэвдорж	14.20- 14.45	Prof, SCEA, MUST Проф, БАС, ШУТИС
<i>Research on study the characteristics of recycled aggregate concrete</i> Барилгын нураалтаас үүсэх хаягдал бетоноос гарган авсан дүүргэгчийг бетон хольцод хэрэглэх боломжын судалгаа	P.Sergelen П.Сэргэлэн	14.45- 15.15	PhD, SCEA, MUST Док, БАС, ШУТИС
Discussion / Хэлэлцүүлэг / 15.15- 15.50			
Closing and photographing / Хаалт, зураг авалт / 15.50-16.00			

Figure 1 Conference agenda